

Fig. 1

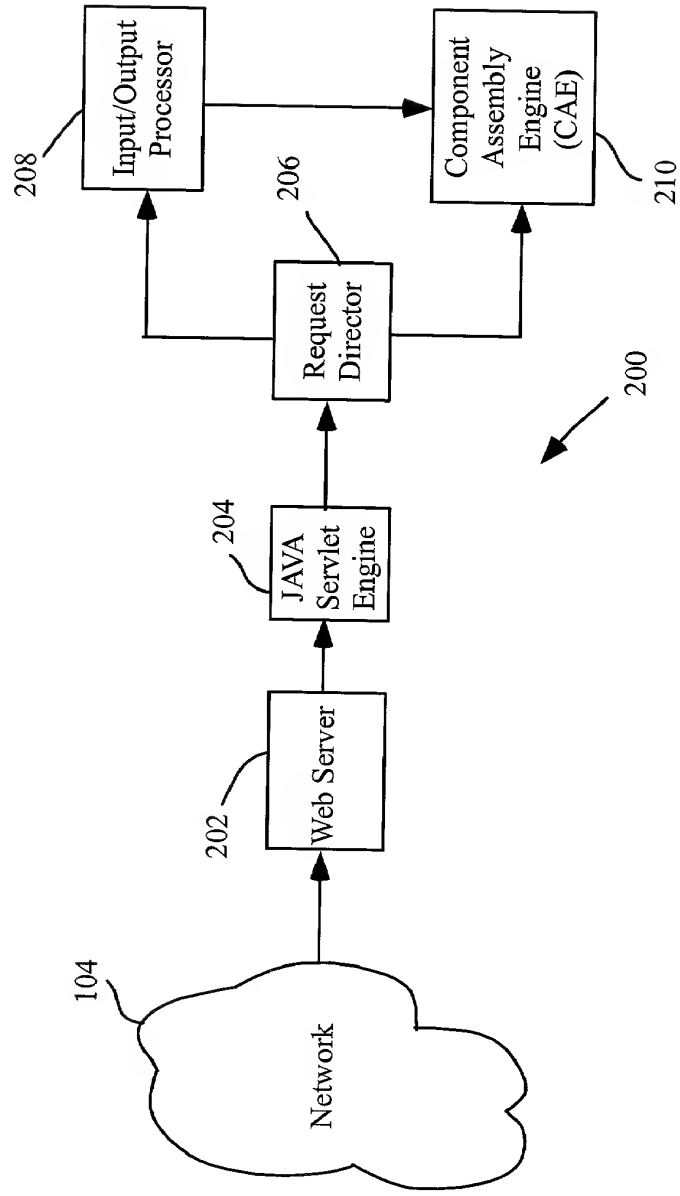


Fig. 2

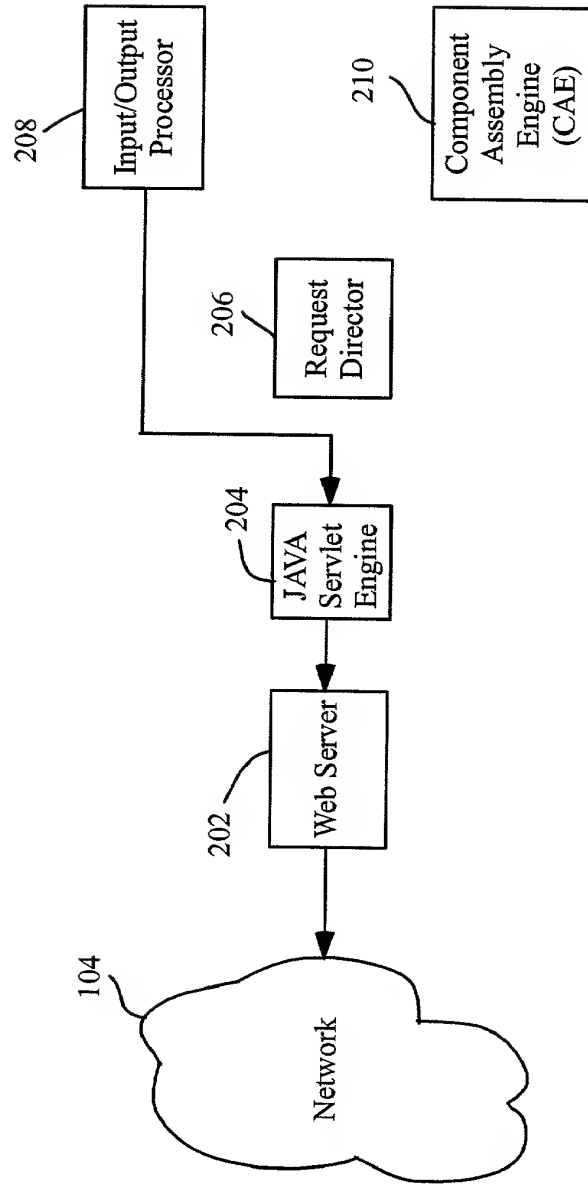


Fig. 3

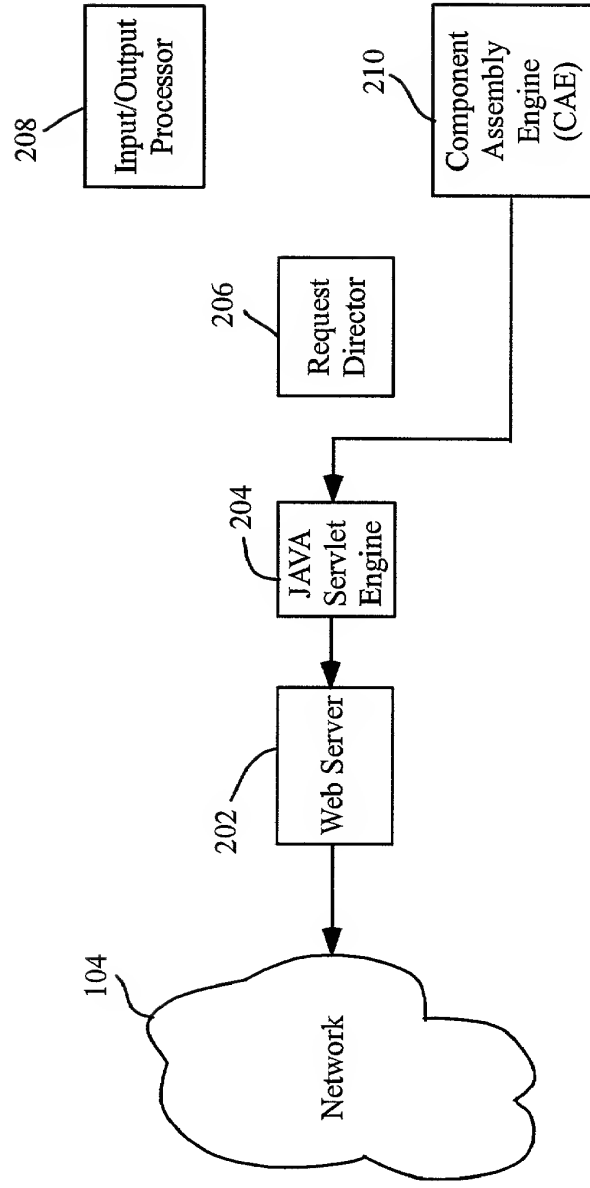


Fig. 4

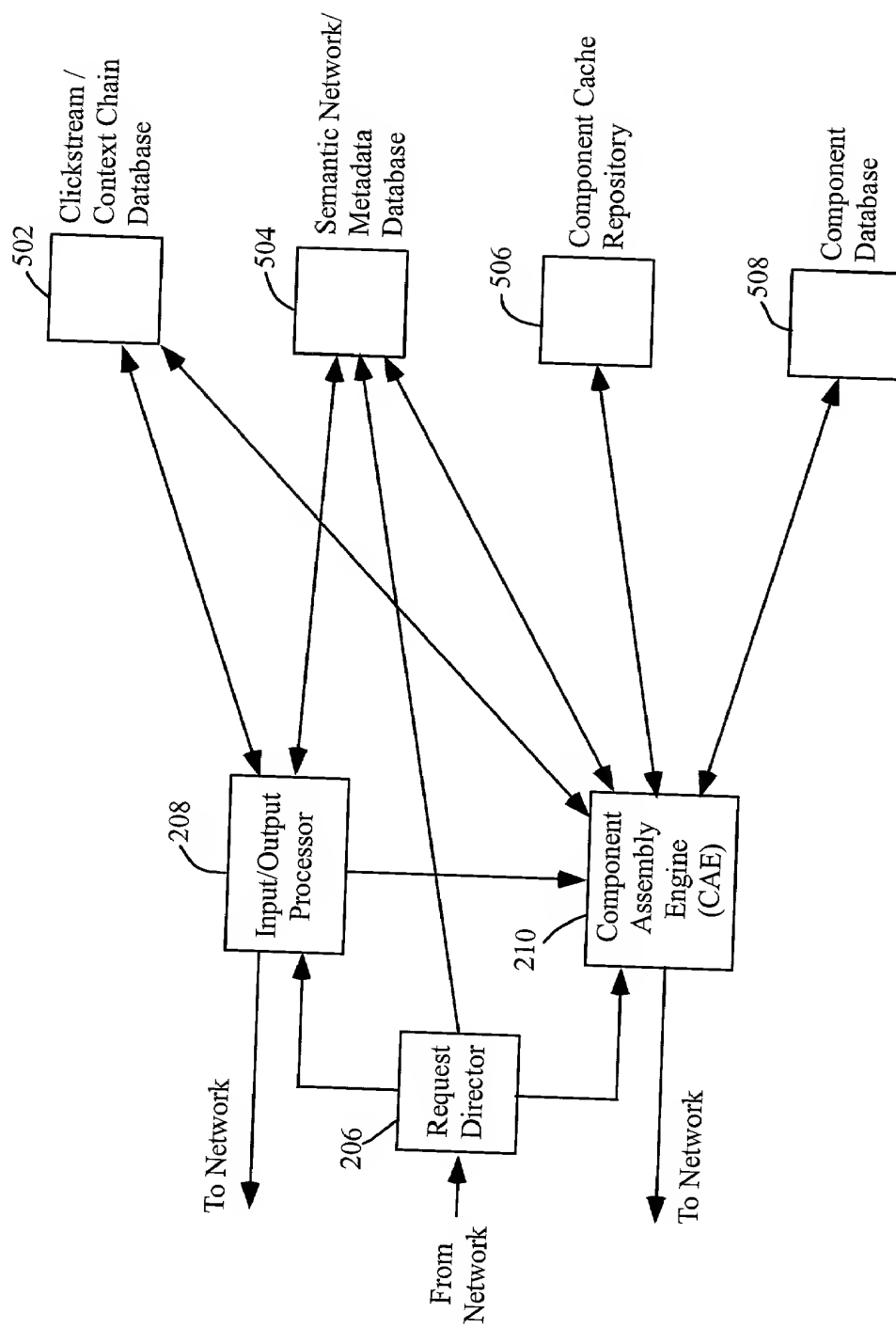


Fig. 5

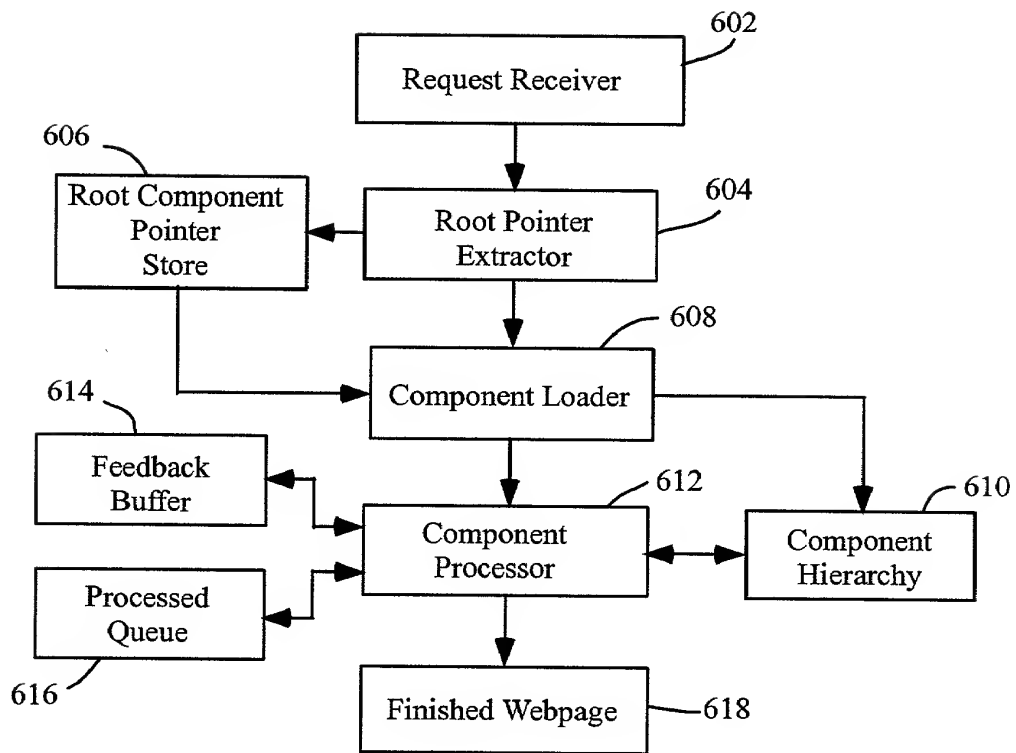


Fig. 6

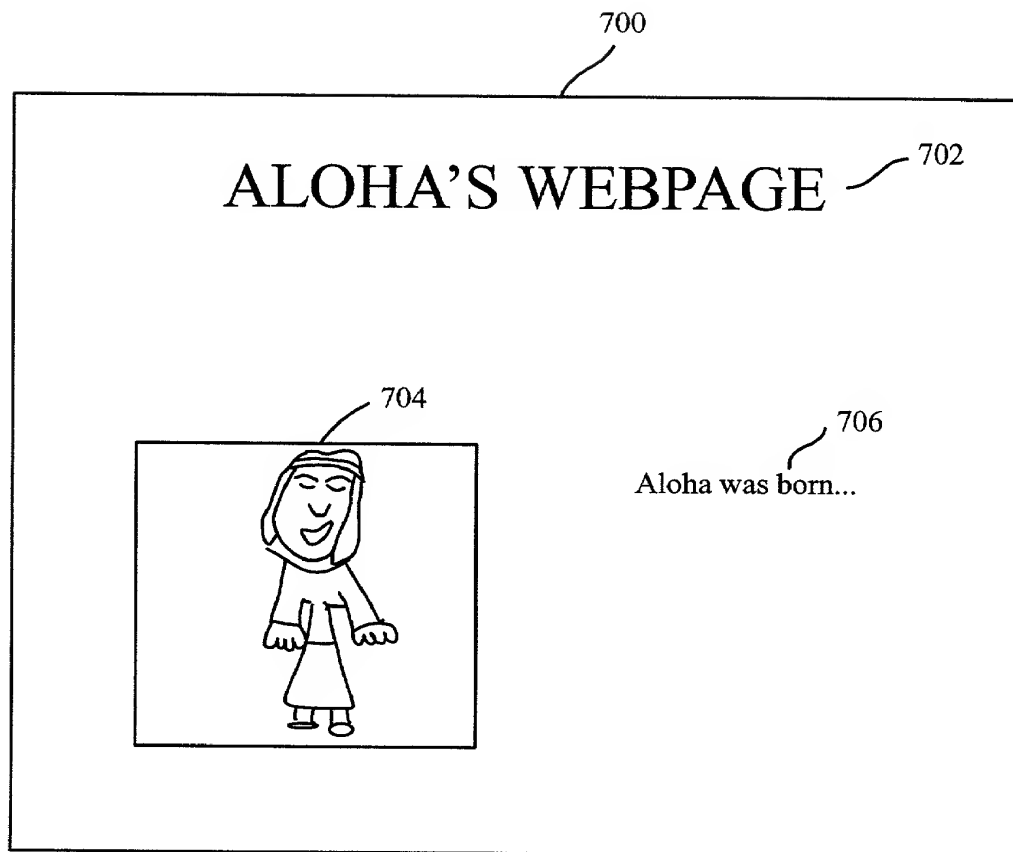


Fig. 7

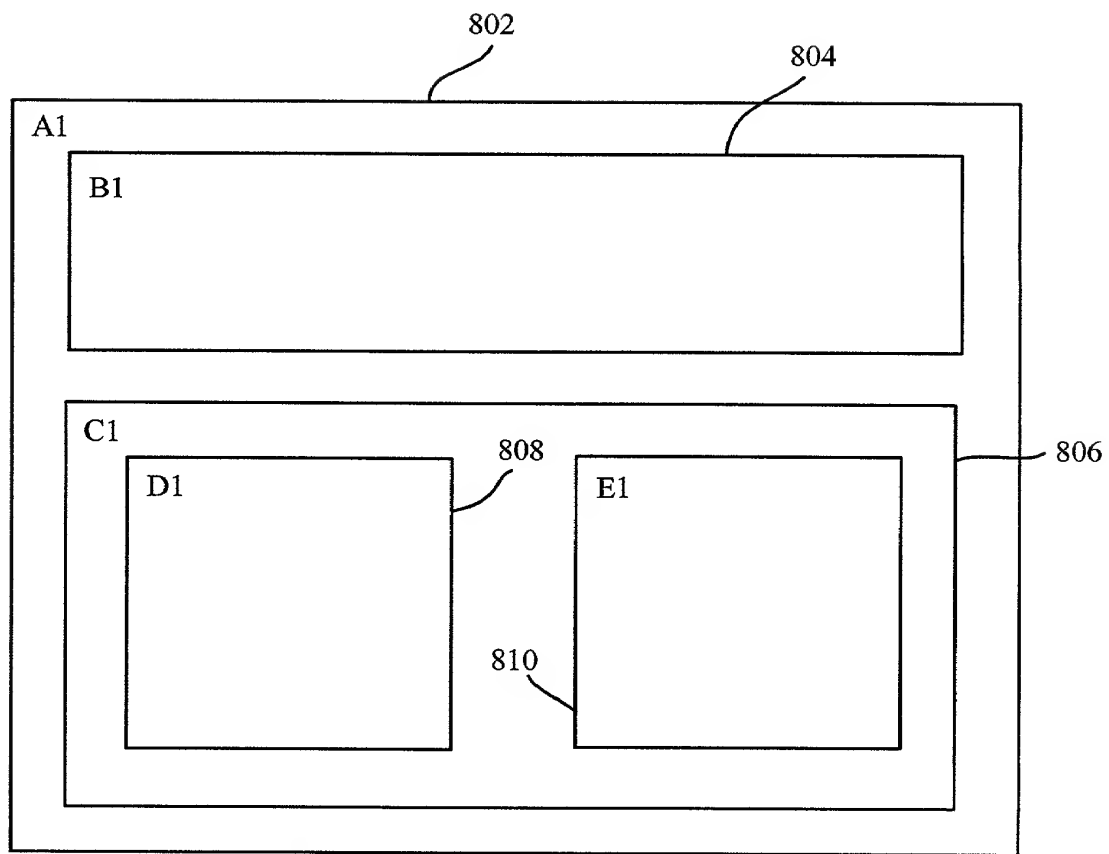


Fig. 8

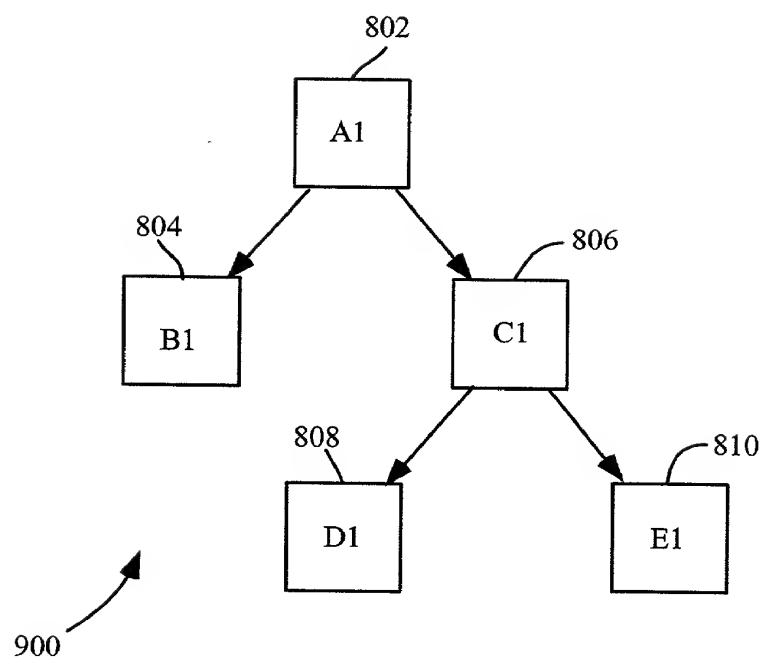


Fig. 9

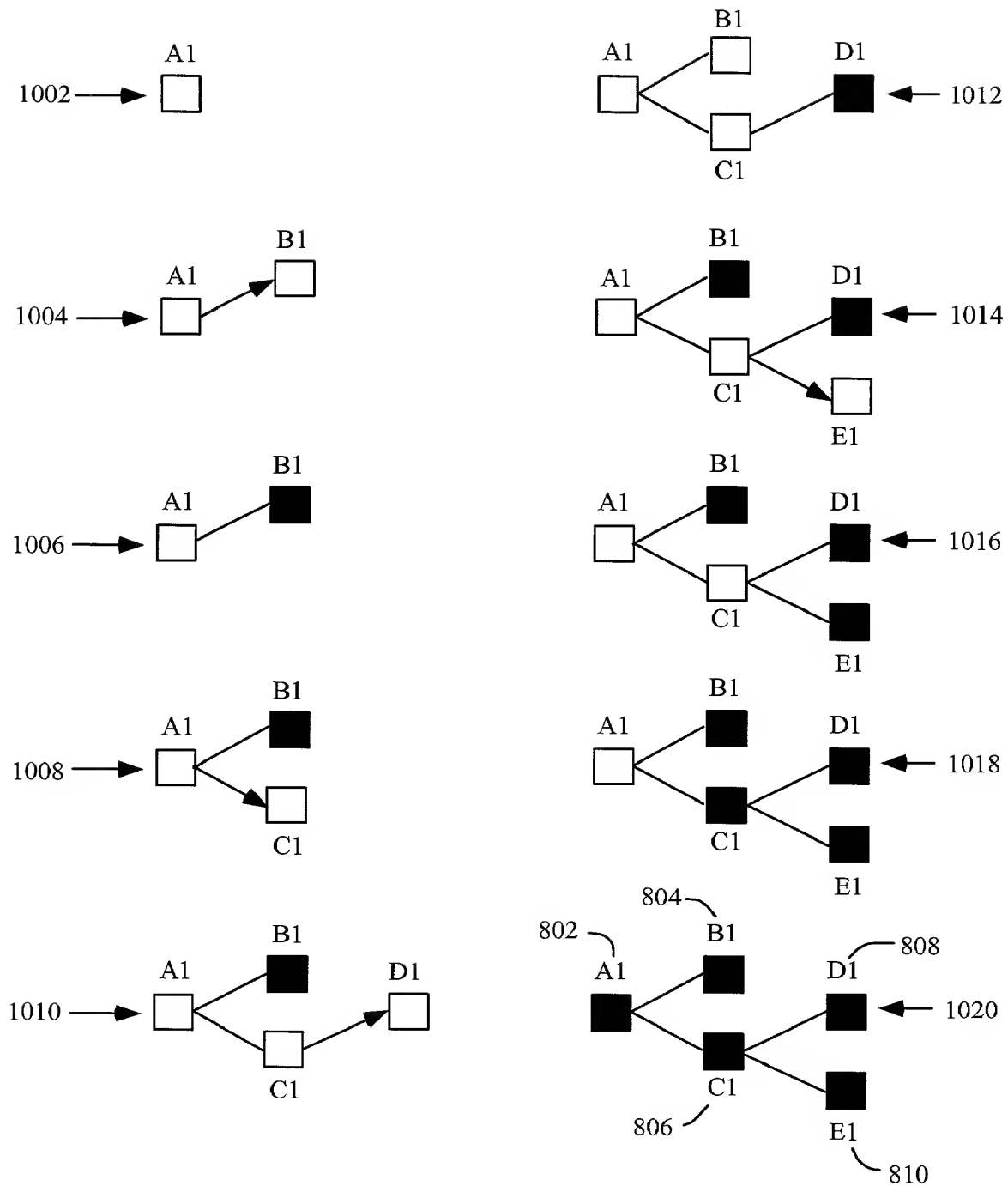


Fig. 10

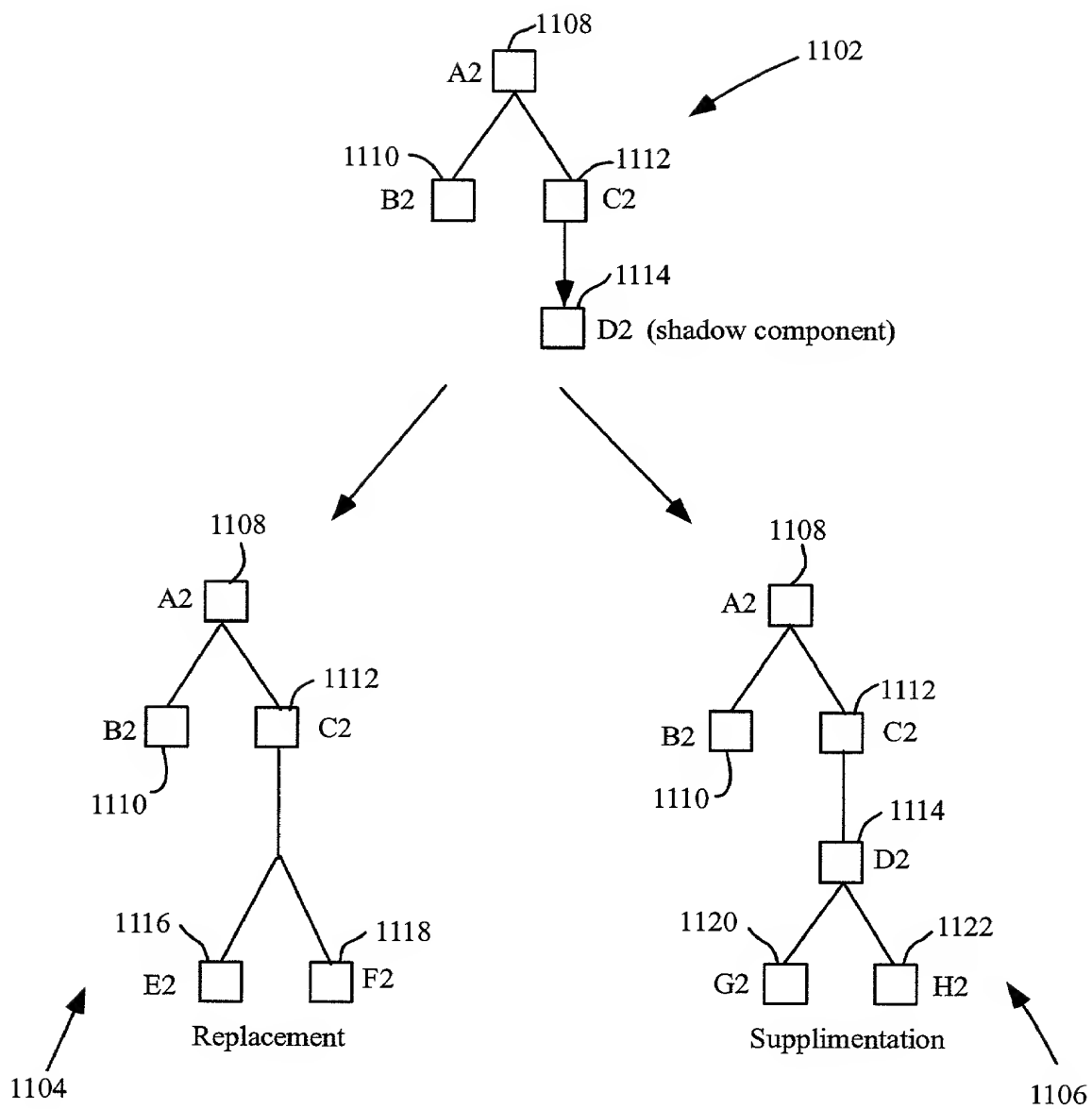


Fig. 11

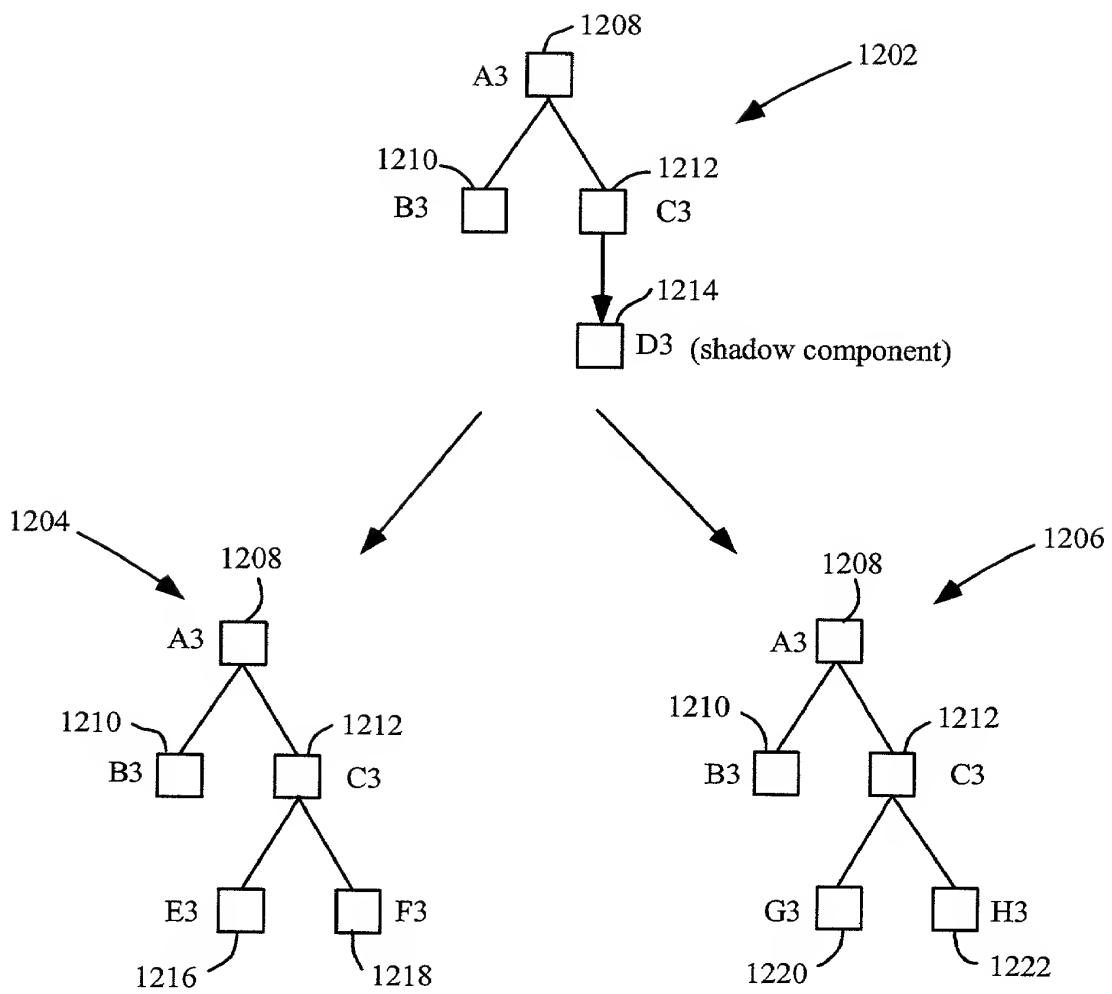


Fig. 12

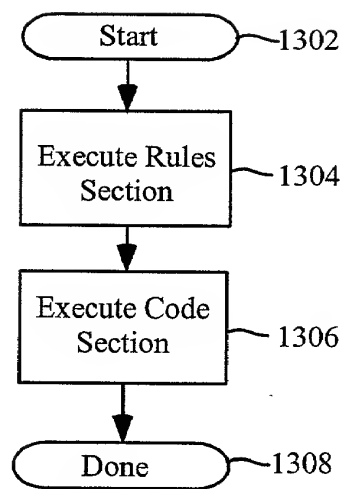


Fig. 13

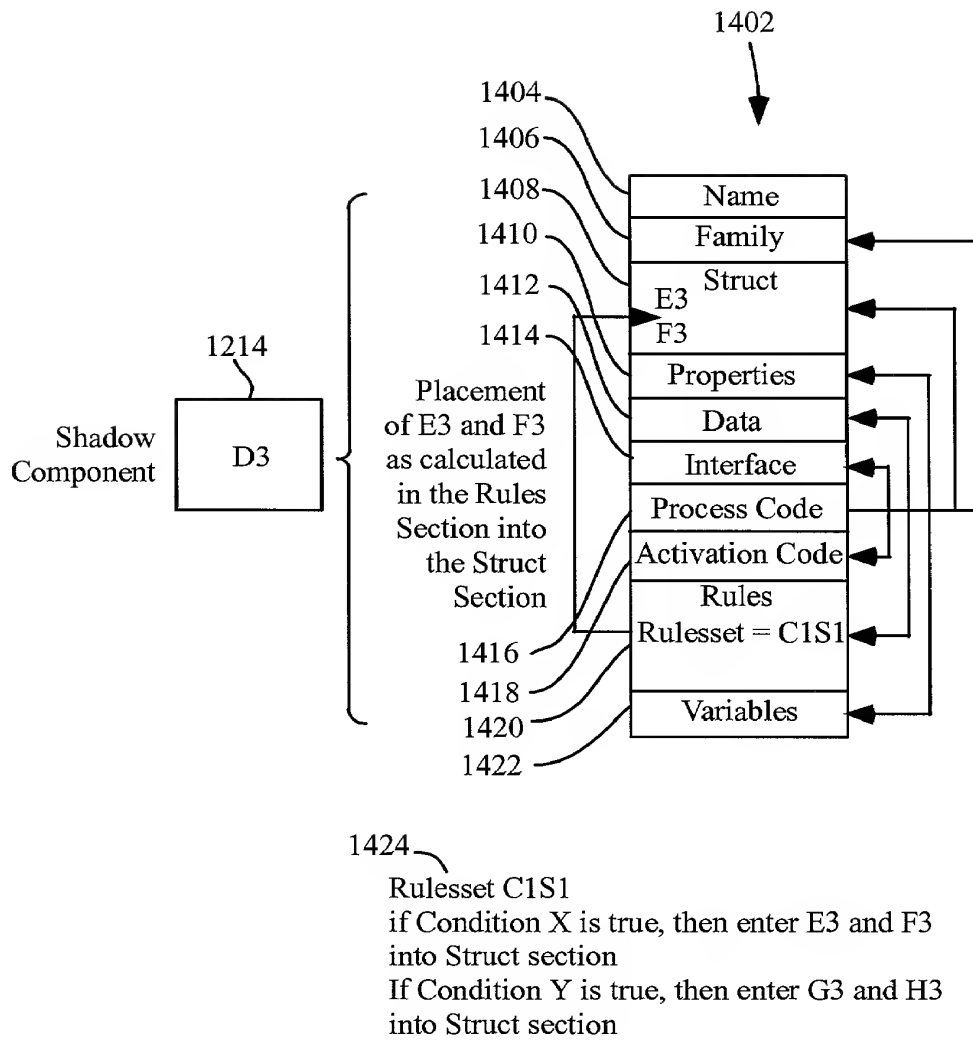


Fig. 14

A1

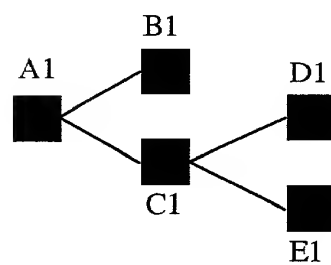
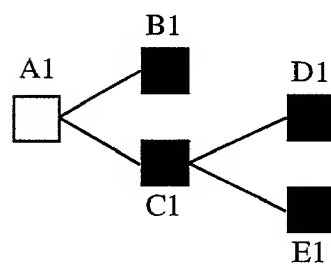
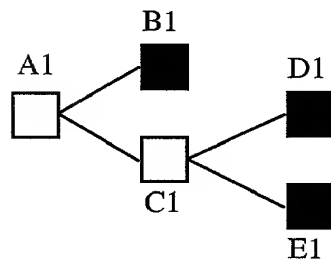
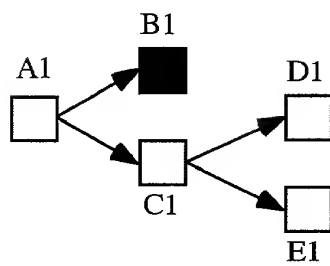
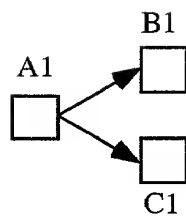


Fig. 15

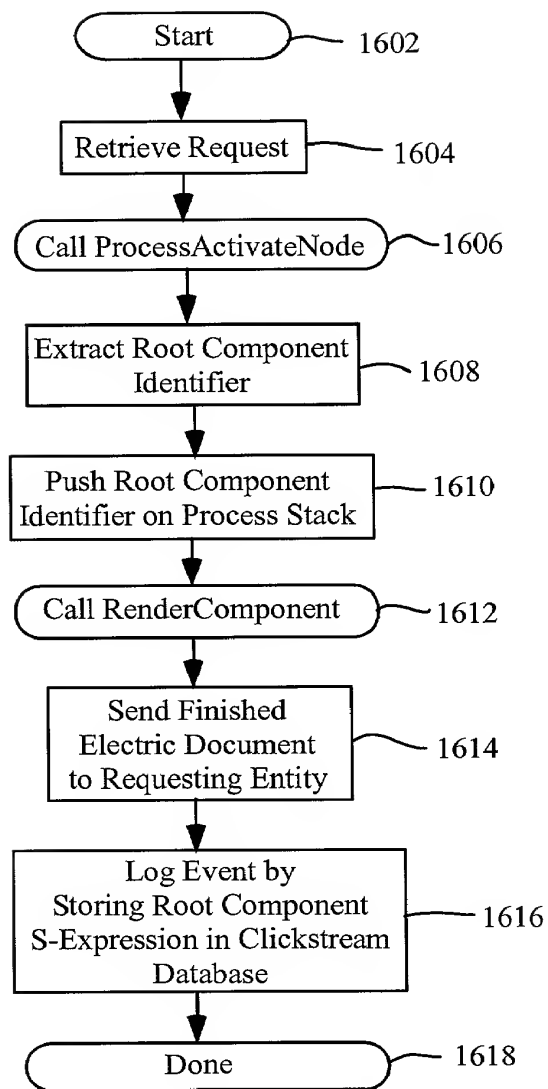


Fig. 16

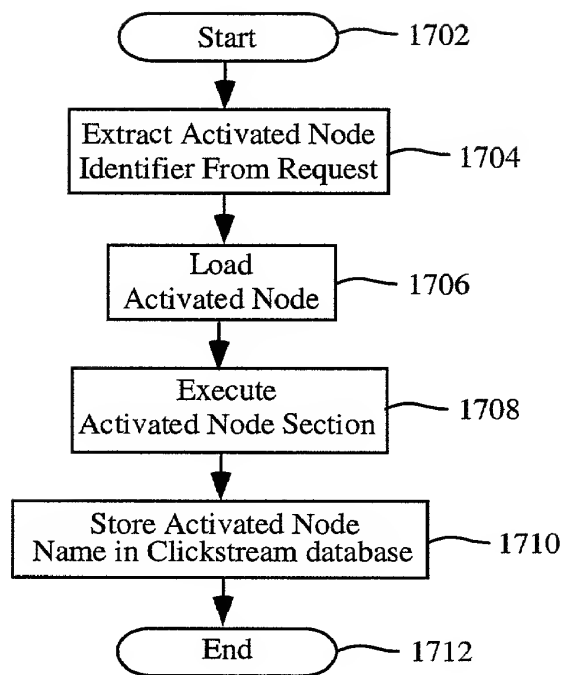


Fig. 17

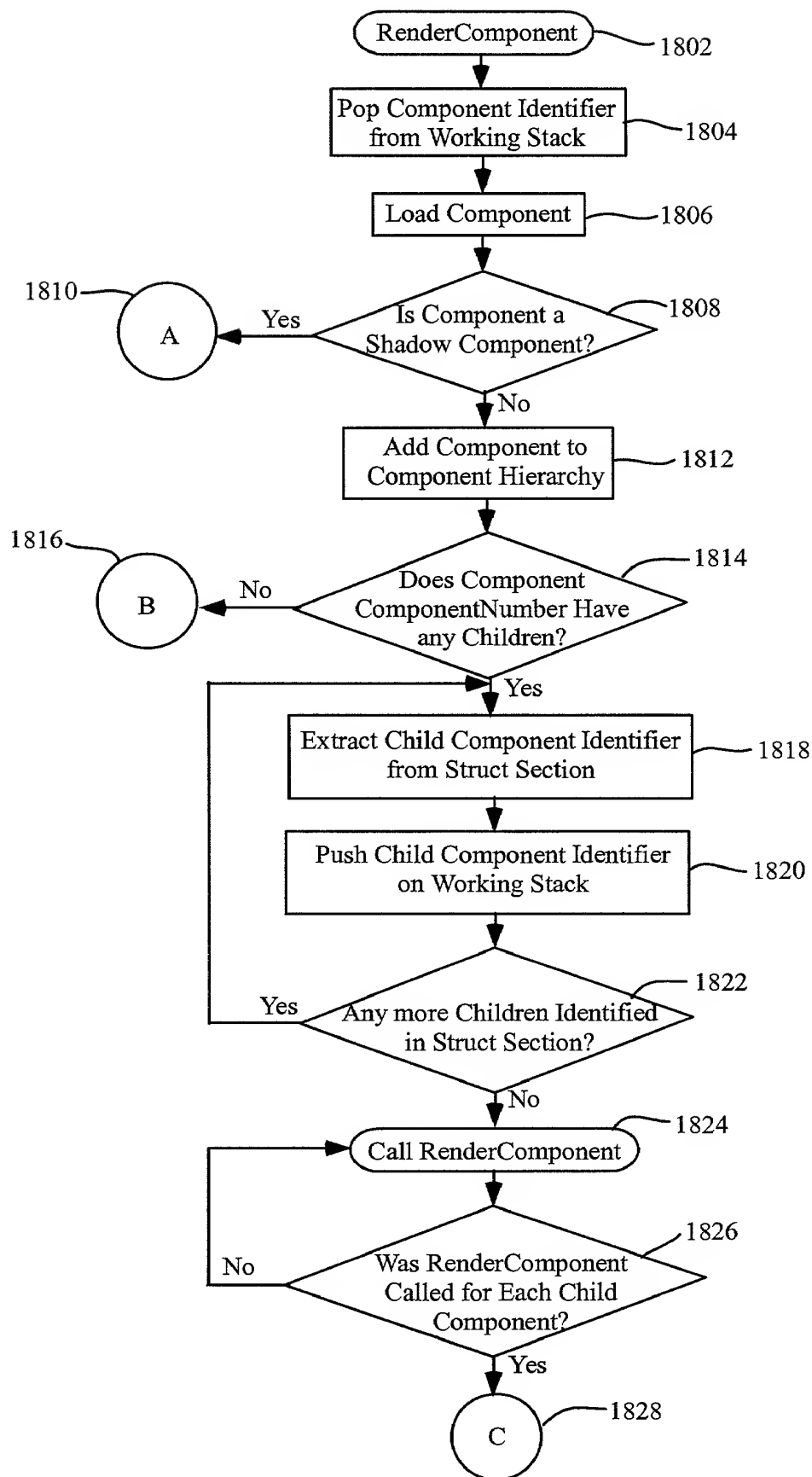


Fig. 18

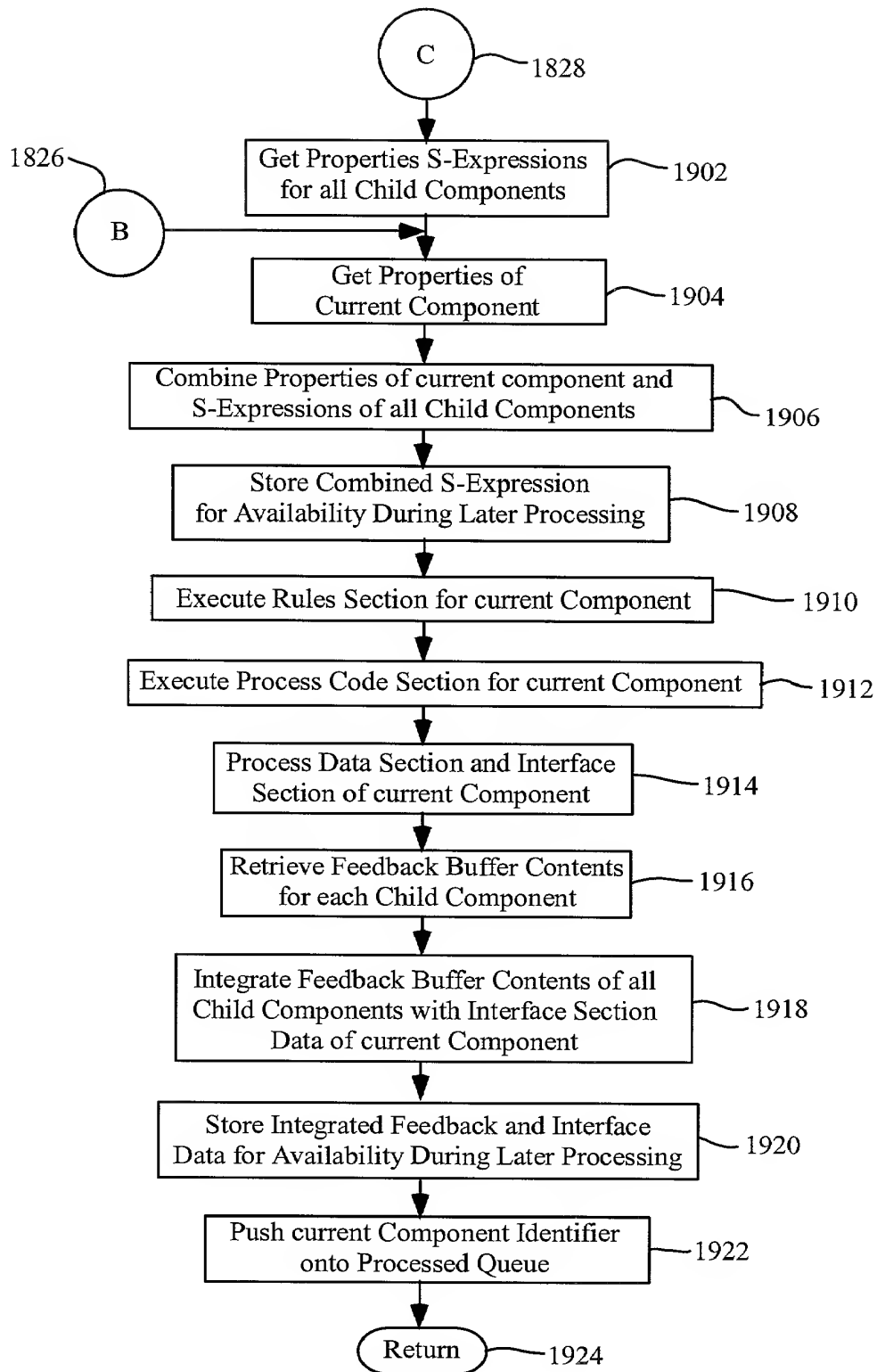


Fig. 19

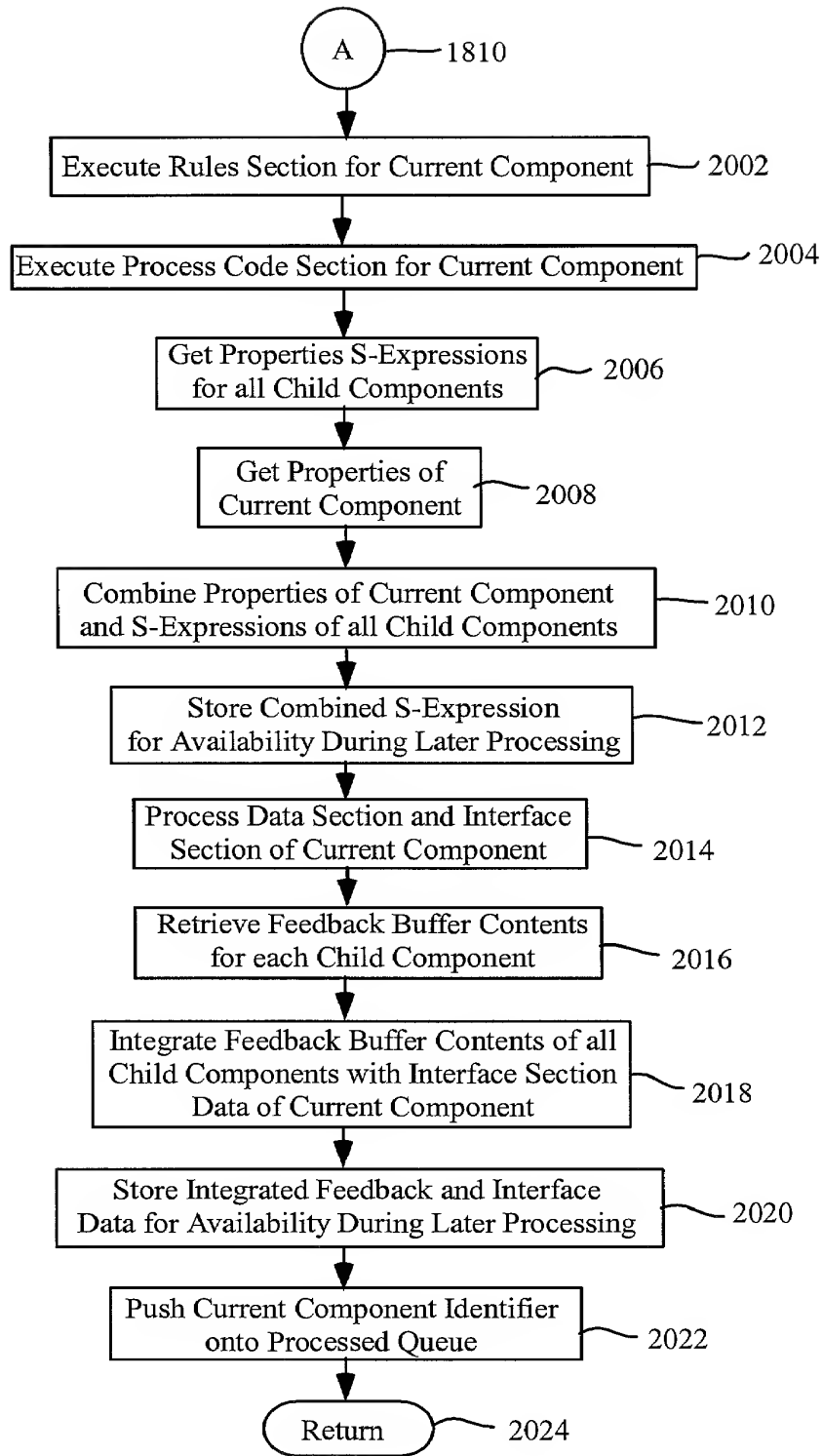


Fig. 20

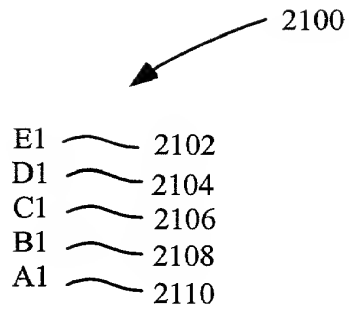


Fig. 21

```

<HTML>
<BODY>
<CENTER><H1>ALOHA'S WEBPAGE</H1></CENTER> — 2206
<TABLE>
<TBODY>
<TR>
<TD>
<IMG SRC="aha.html"></IMG> — 2216
</TD>
<TD>
Aloha was born ... — 2222
</TD>
</TR>
</TBODY>
</TABLE>
</BODY>
</HTML>

```

An arrow points from the label 2200 to the HTML code block.

Fig. 22

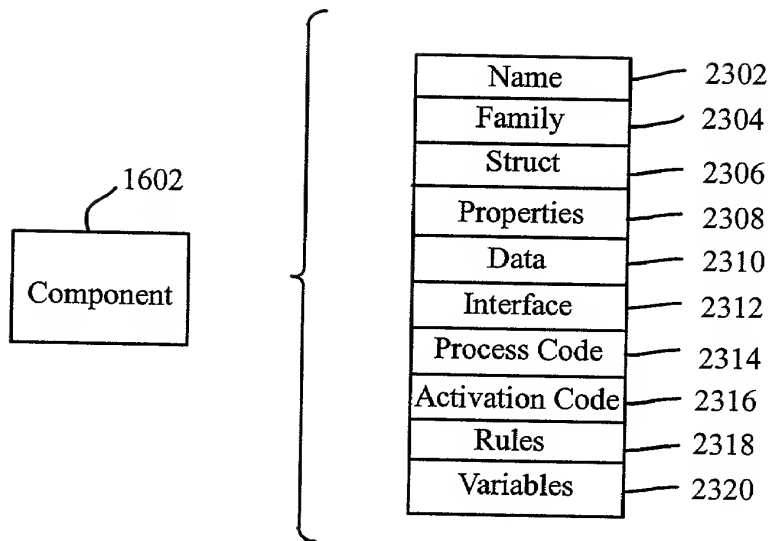


Fig. 23

<identification> 2402
 <name value="D1"/> 2404
 <type value="normal"/> 2406
 <description value="my picture"/> 2408
</identification> 2410

Fig. 24

<relatives> 2502
 <relative value="pictures_of_me"/> 2504
 <relative value="home_image"/> 2506
</relatives> 2508

Fig. 25

```
<struct> 2602
  <reference value="D1"/> 2604
  <reference value="E1"/> 2606
  <reference value="this"/> 2608
</struct> 2610
```

Fig. 26

```
<properties> 2702
  <property name="pizza" value= 1.0"/> 2704
  <property name="hot food" value="1.0"/> 2706
</properties> 2708
```

Fig. 27

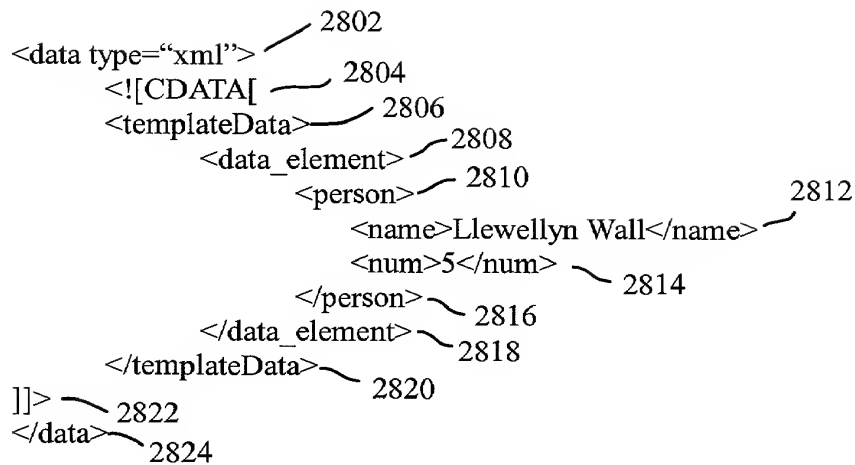


Fig. 28

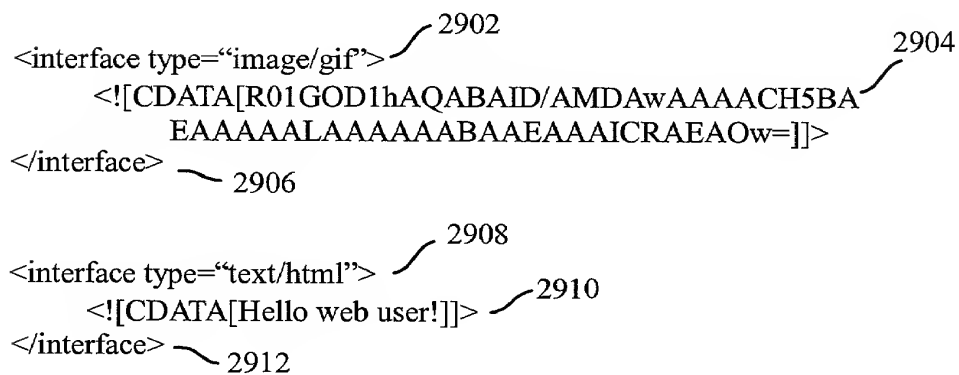


Fig. 29

```

<code language="JavaScript"> 3002
  <![CDATA[ 3004
    // @API 3006
    var fileArr = API.getFileListing("w","xml"); 3008
    var i; 3010
    var newStr="" 3012
    if (fileArr !=null) { 3014
      for (i=0; i<fileArr.length; i++) { 3016
        newStr += fileArr[i] + "<br>"; 3018
      } 3020
    } 3022
    newStr +="[DONE]"; 3024
    API.setComponentInterface(cID, "text/html",newStr); 3024
  ]> 3026
</code> 3028

```

Fig. 30

```

<activationcode language="JavaScript"> 3102
  <![CDATA[The user has selected component D1!]]> 3104
</activationcode> 3106

```

Fig. 31

<ruleset> 3202
 <name value="oriental_food_preferences_ruleset"/> 3204
</ruleset> 3206

Fig. 32

<variables> 3302
 <variable name="userid" value="bezuwork100"> 3304
 <variable name="last_visit_datetime" value="0101232048"> 3306
 <variable name="this_visit_datetime" value="0106201613"> 3308
</variables> 3310

Fig. 33

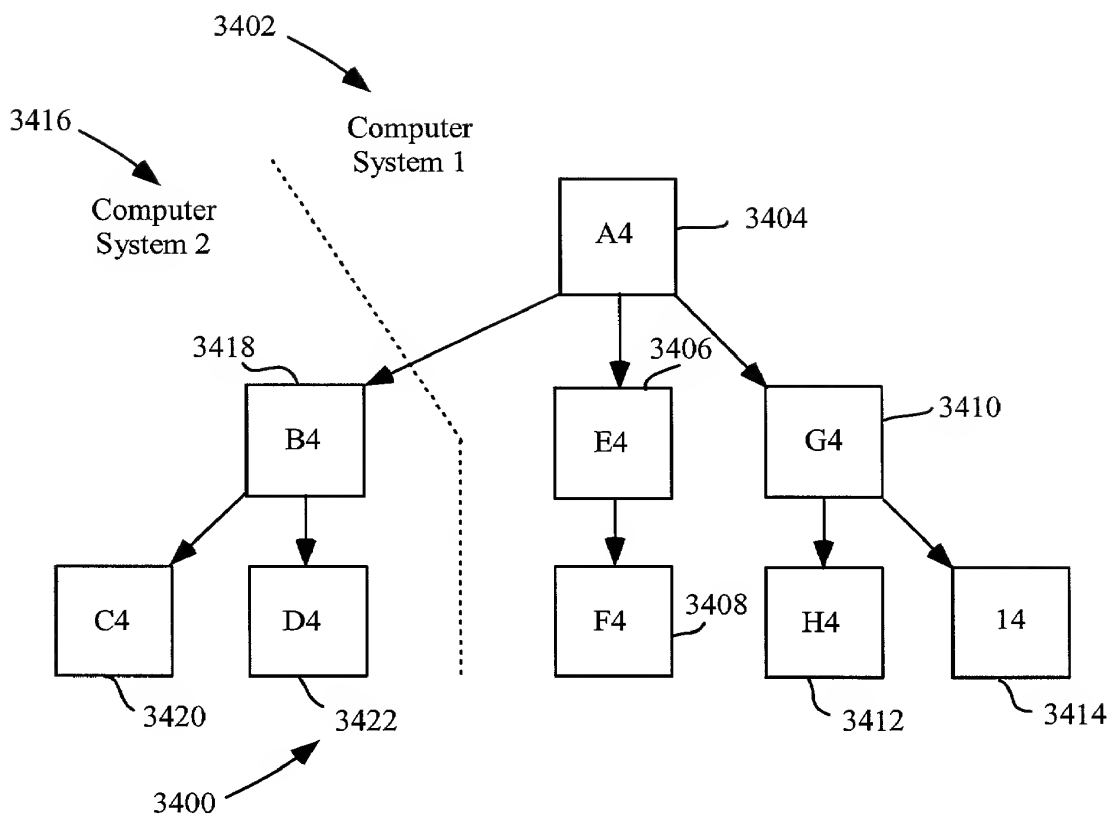


Fig. 34

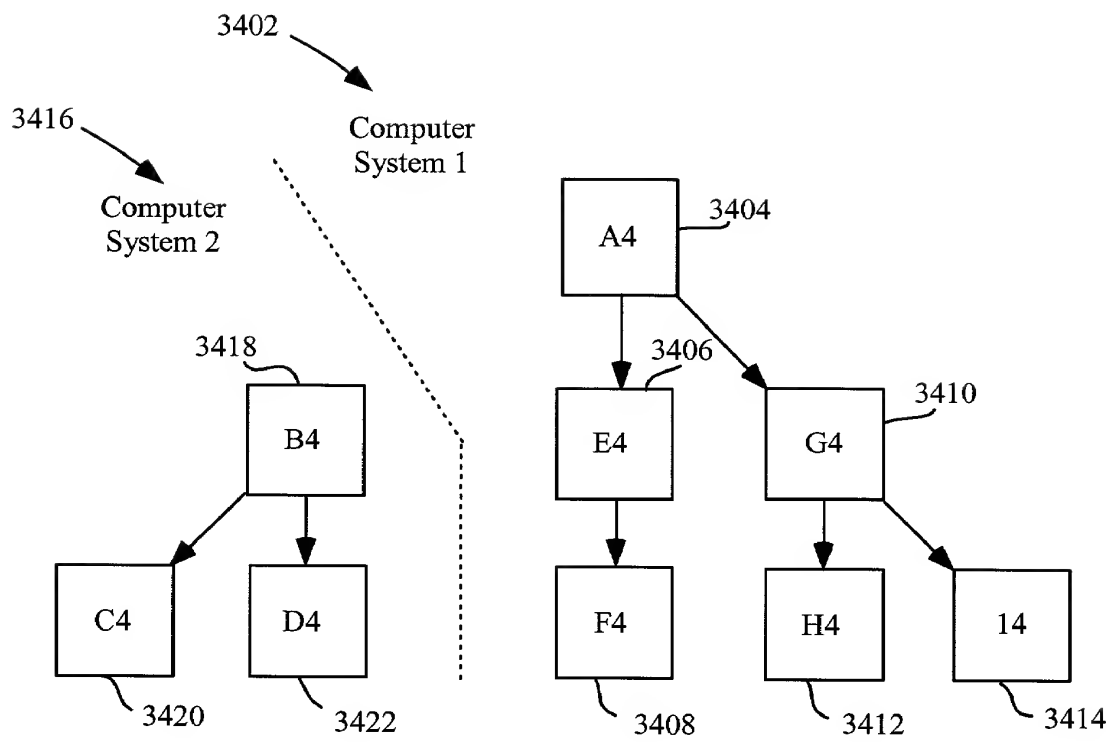


Fig. 35

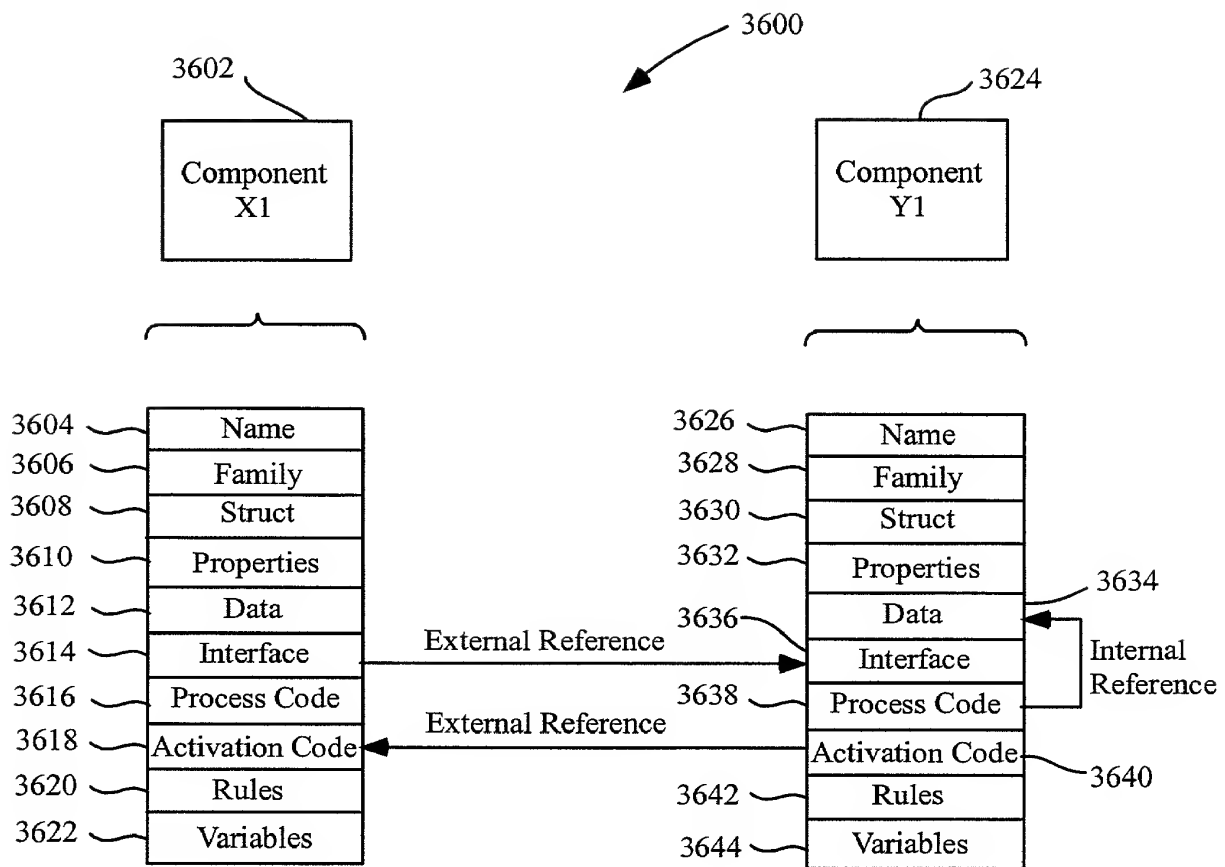


Fig. 36

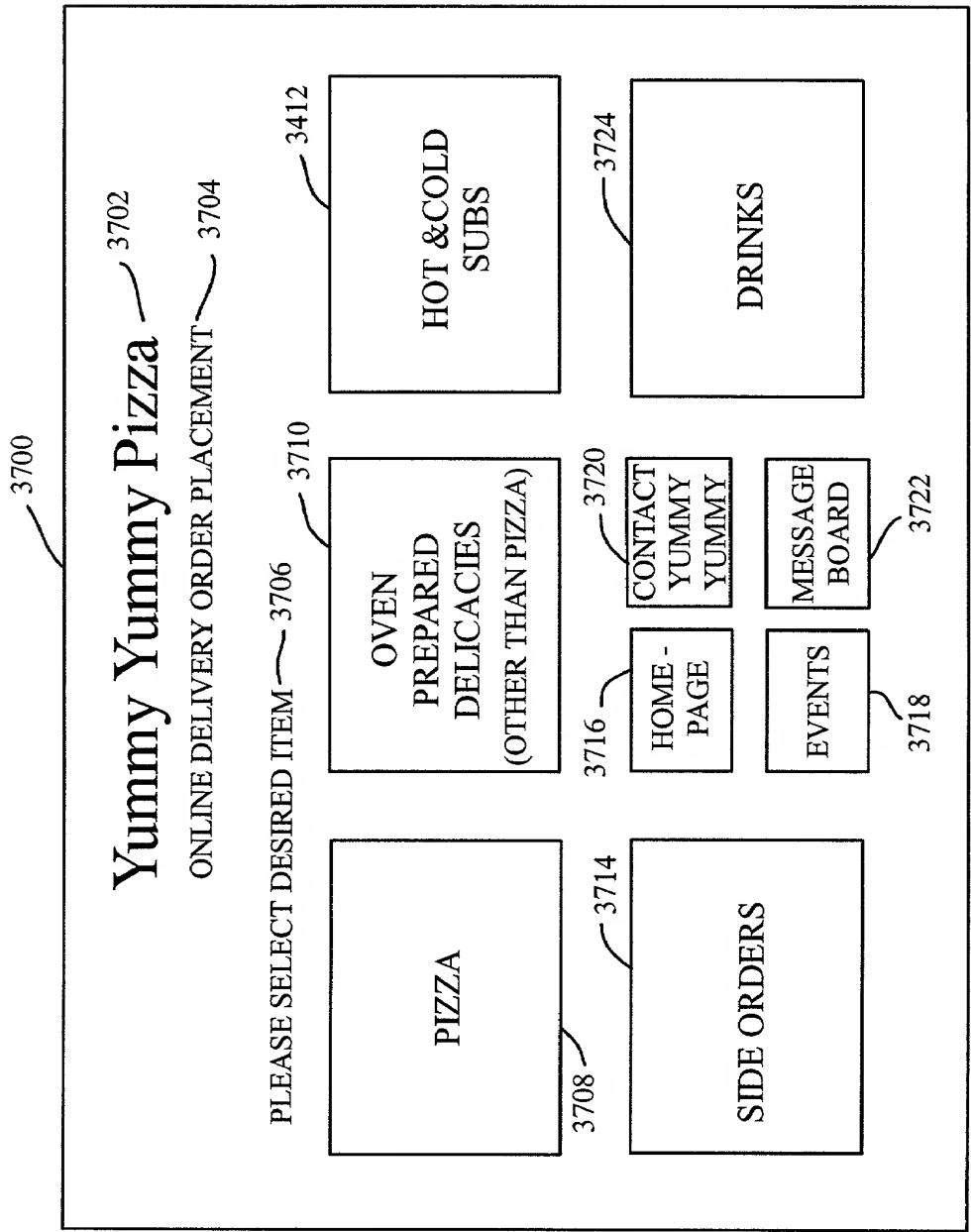


Fig. 37

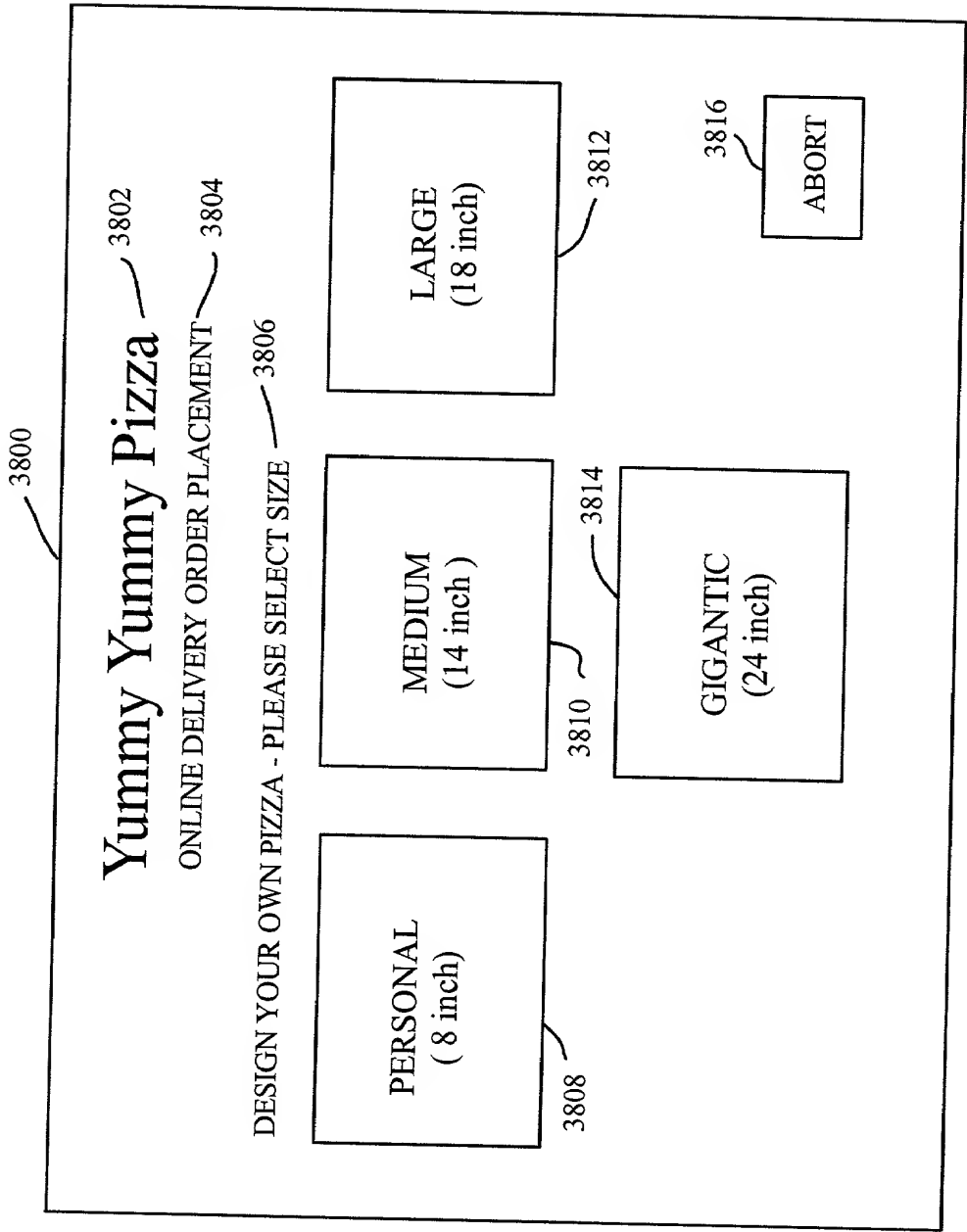


Fig. 38

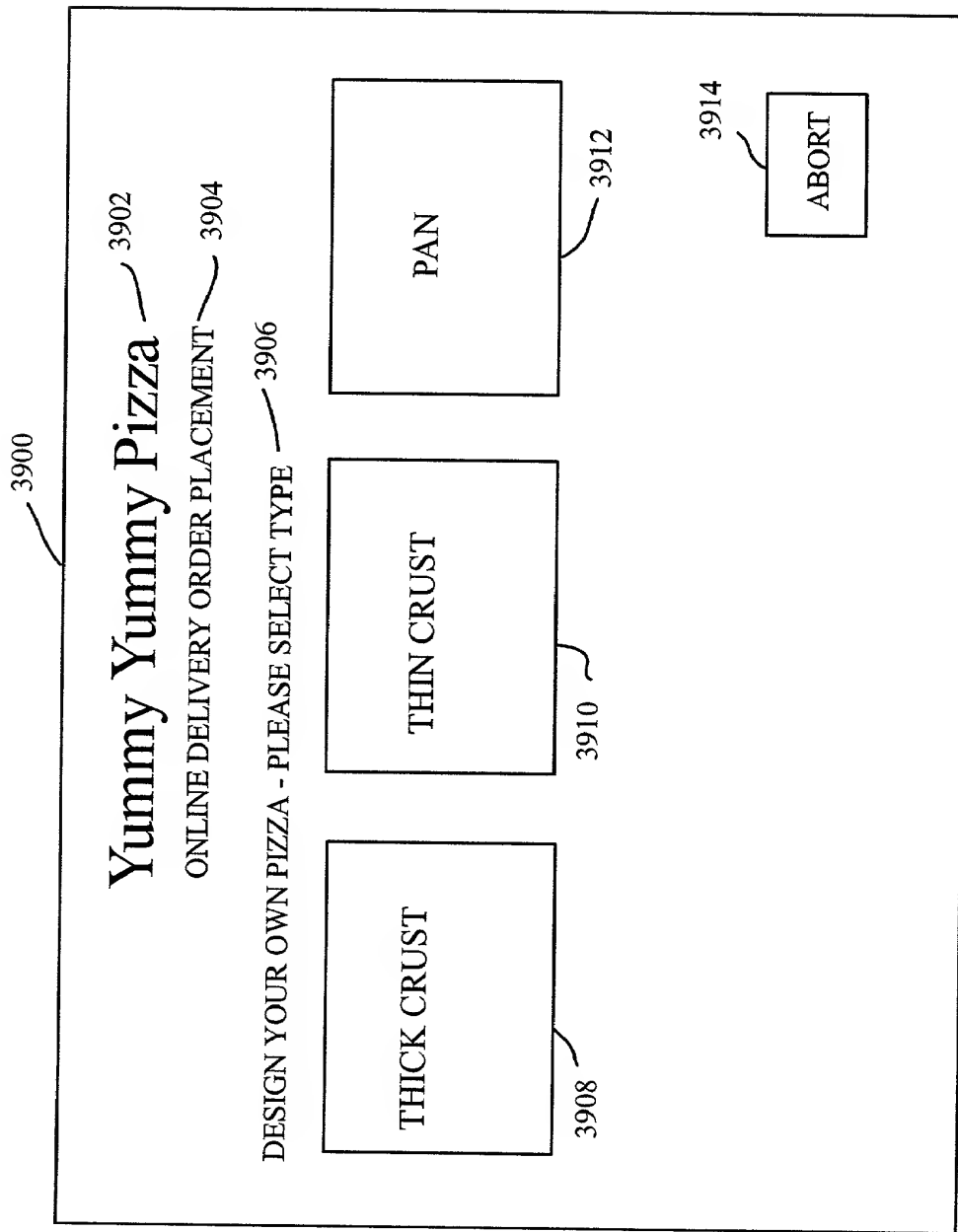


Fig. 39

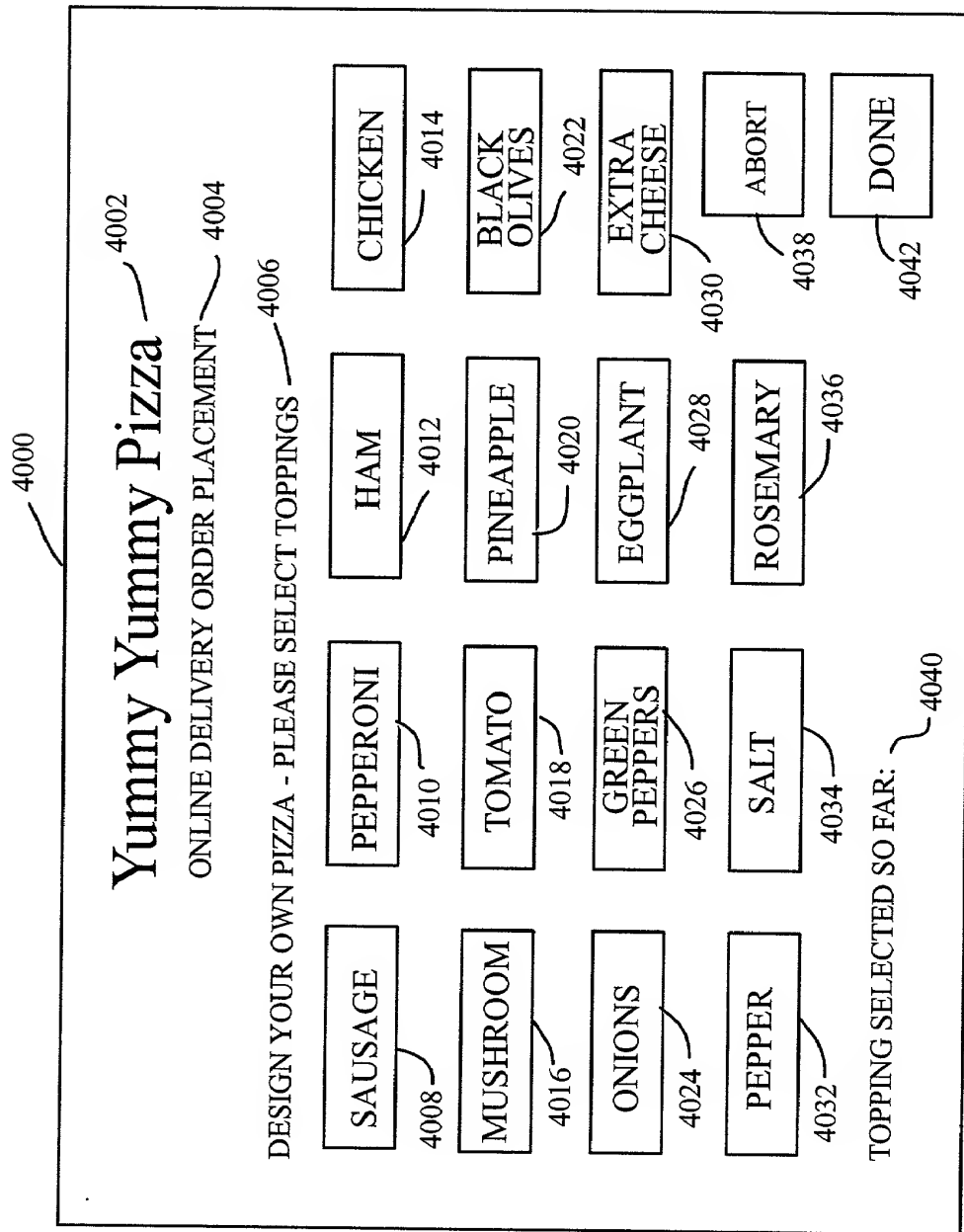


Fig. 40

4100

Yummy Yummy Pizza

4102

ONLINE DELIVERY ORDER PLACEMENT

4104

CURRENT CONTENTS OF YOUR SHOPPING CART:

4106

PIZZA #1:

NUMBER: 1

SIZE: GIGANTIC

TYPE: THICK CRUST

TOPPINGS: CHICK, PEPPER

2x1.50= 3.00

PRICE

15.00

SIDE #1: BREADSTICKS, NUMBER: 1 ORDER

1.50

DRINKS: COCK, CAN, NUMBER: 1 SIXPACK

6.00

TAX: 1.80

TOTAL: 27.30

4110

4108

CONTINUE
ITEM
SELECTION

PROCESS
ORDER

Fig. 41

4202 \sim (A1 (B1) (C1 (D1) (E1)))
4204 \sim (D1)

Fig. 42

- 4302 — (user id=bezuwork100 (YA1 (YB1) (YC1) (YD1 (YE1, pizza=1.0, hotfood=1.0) (YF1, hotfood=1.0, bakedness=1.0) (YG1, subs= 1.0, breadness=0.3 sandwich=1.0)) (YH1 (YI1, sideorder=1.0) (YJ1 (YK1 (YL1, homepage=1.0) (YM1, email=1.0)) (YN1 (YO1, events=1.0) (YP1, messagbd=1.0))) (YQ1, drink=1.0))))
- 4304 — (user id=bezuwork100 (YE1))
- 4306 — (user id=bezuwork100 (YA2 (YB2) (YC2) (YD2 (YE2, small=1.0) (YF2, medium=1.0) (YG2, large=1.0)) (YH2 (YI2) (YJ2, extra large=1.0) (YK2, abort=1.0))))
- 4608 — (user id=bezuwork100 (YJ2))
- 4610 — (user id=bezuwork100 (YA3 (YB3) (YC3) (YD3 (YE3, chewy=0.9, thickness=0.6) (YF3, crispy=0.8, thickness=0.7) (YG3, fillingness=0.9)) (YH3, abort=1.0)))
- 4612 — (user id=bezuwork100 (YE3))
- 4614 — (user id=bezuwork100 (YA4 (YB4) (YC4) (YD4 (YE4, sausage=1.0) (YF4, pepperoni=1.0) (YG4, ham=1.0) (YH4, chicken=1.0)) (YI4 (YJ4, mushroom=1.0) (YK4, tomato=1.0) (YL4, pineapple=1.0) (YM4, black olives=1.0)) (YN4 (YO4, onion=1.0) (YP4, green peppers=1.0) (YQ4, eggplant=1.0) (YR4, cheese=1.0)) (YS4 (YT4, pepper=1.0) (YU4, salt=1.0) (YV4, rosemary=1.0) (YW4, abort=1.0)) (YX4 (YY4) (YZ4, continue=1.0))))
- 4616 — (user id=bezuwork100 (YH4))
- 4618 — (user id=bezuwork100 (YA4 (YB4) (YC4) (YD4 (YE4, sausage=1.0) (YF4, pepperoni=1.0) (YG4, ham=1.0) (YH4, chicken=1.0)) (YI4 (YJ4, mushroom=1.0) (YK4, tomato=1.0) (YL4, pineapple=1.0) (YM4, black olives=1.0)) (YN4 (YO4, onion=1.0) (YP4, green peppers=1.0) (YQ4, eggplant=1.0) (YR4, cheese=1.0)) (YS4 (YT4, pepper=1.0) (YU4, salt=1.0) (YV4, rosemary=1.0) (YW4, abort=1.0)) (YX4 (YY4) (YZ4, continue=1.0))))
- 4620 — (user id=bezuwork100 (YT4))
- 4622 — (user id=bezuwork100 (YA4 (YB4) (YC4) (YD4 (YE4, sausage=1.0) (YF4, pepperoni=1.0) (YG4, ham=1.0) (YH4, chicken=1.0)) (YI4 (YJ4, mushroom=1.0) (YK4, tomato=1.0) (YL4, pineapple=1.0) (YM4, black olives=1.0)) (YN4 (YO4, onion=1.0) (YP4, green peppers=1.0) (YQ4, eggplant=1.0) (YR4, cheese=1.0)) (YS4 (YT4, pepper=1.0) (YU4, salt=1.0) (YV4, rosemary=1.0) (YW4, abort=1.0)) (YX4 (YY4) (YZ4, chicken=1.0, pepper=1.0) (YZ4, continue=1.0))))
- 4624 — (user id=bezuwork100 (YZ4))

Fig. 43

4400

Yummy Yummy Pizza — 4402 4404

ONLINE DELIVERY ORDER PLACEMENT — 4406

SELECT ITEM, ENTER NUMBER OF UNITS DESIRED, THEN CLICK "ADD TO ORDER"
WHEN DONE, CLICK "PROCESS ORDER" - YOU WILL HAVE AN OPPORTUNITY TO
REVIEW YOUR ORDER FOR ACCURACY BEFORE SUBMISSION.

HOT OVEN PRODUCTS & SUBS

- ☐ STROMBOLI ☐ CHEESE STEAK SUB ☐ ITALIAN SAUSAGE SUB
- ☐ CALZONE ☐ MEATBALL SUB ☐ ITALIAN COLD CUT SUB
- ☐ PIZZA

SIZE: ☐ PERSONAL ☐ MEDIUM ☐ LARGE ☐ GIGANTIC
CRUST: ☐ THIN CRUST ☐ THICK CRUST
TOPPING:

- ☐ SAUSAGE ☐ PEPPERONI ☐ HAM ☐ EXTRA CHEESE
- ☐ MUSHROOM ☐ BLACK OLIVES ☐ TOMATO ☐ PINEAPPLE
- ☐ ONIONS ☐ GREEN PEPPER ☐ EGGPLANT ☐ CHICKEN

HERBS & SPICES: ☐ PEPPER ☐ SALT ☐ ROSEMARY ☐ OREGANO
SIDE ORDERS:

- ☐ BREADSTICKS ☐ BUFFALO WINGS ☐ POTATO CHIPS

- ☐ LITER COKE ☐ SPRITE, CAN ☐ ICED TEA, BOTTLE
- ☐ COKE, CAN ☐ DIET COKE, CAN ☐ WATER, BOTTLED

NUMBER OF SELECTED ITEMS DESIRED:

ADD TO ORDER

PROCESS ORDER

4410

4414

Fig. 44

(webpage) 4502¬(user id=bezuwork100 (ZA1 (ZB1) (ZC1) ZD1) ZE1) (ZF1) (ZG1, add=1.0) (ZH1, processorder=1.0)))

(response) 4504¬(user id=bezuwork100 (ZE1, pizza=1.0, hotfood=1.0, gigantic=1.0, chewy=0.9, thickness=0.6, chicken=topping,1.0, pepper=topping, 1.0, processorder=1.0))

(webpage) 4506¬(user id=bezuwork100 (ZA2 (ZB2) (ZC2) (ZD2) (ZE2) (ZF2) (ZG2, add=1.0) (H2, procesorder=1.0)))

(response) 4508¬(user id=bezuwork100 (ZE2 breadsticks=1.0, sideorder= 1.0))

(webpage) 4510¬(user id=bezuwork100 (ZA3 (ZB3) (ZC3) (ZD3) (ZE3) (ZF3) (ZG3, add=1.0) (ZH3, processorder=1.0)))

(response) 4512¬(user id=bezuwork100 (ZE3 coke=1.0, colddrink=is a, 1.0, dataentry value="6"))

Fig. 45

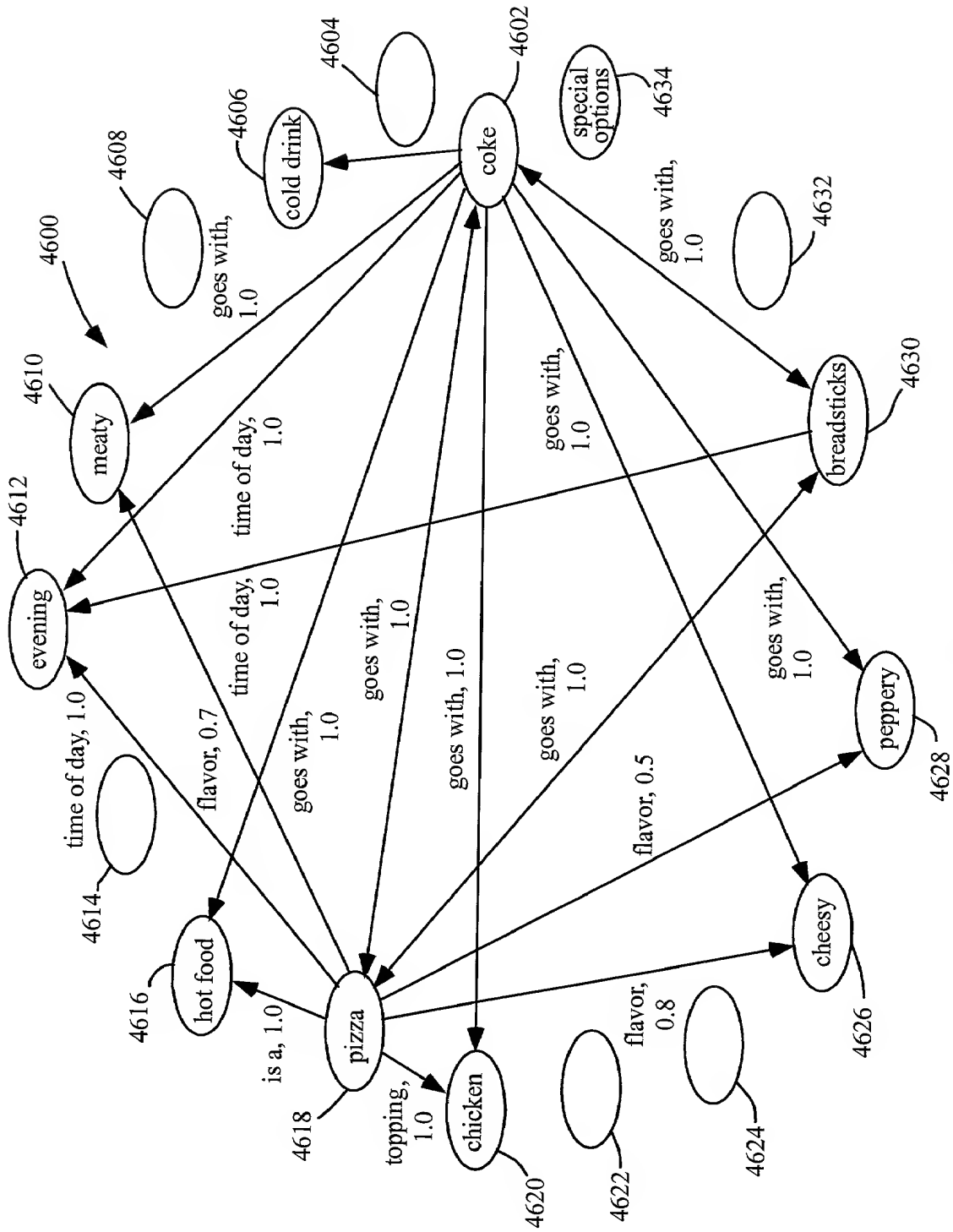


Fig. 46

4700

EDITHA'S FILIPINO DINER

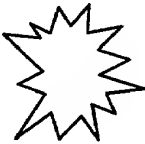
1116 South 19th Street — 4704
Arlington, VA 22202

For delivery, select menu items below, or go to our delivery page

RESERVATIONS	SPECIALS	FULL MENU	DELIVERY	CATERING	SITE MAP
4708	4710	4712	4714	4716	4718
4720	4722	4724	4726	4728	4730
25 ARROZCALDONG (rice & chicken)	21 AFRITADA (sausage stew)	34 PAELLA (chicken & sausage with rice)	15 GINISANG MUNGO (vegetable)	18 PAKIGUNG (fish)	17 ESCABECHE (fish)
4732	4734	4736	4738	4740	4742
11 ADOBO (chicken)	12 TORTA (meat)	15 SINIGANG NA BABOY (meat)	10 PANSIT (noodles, meat & vegetables)	28 TINOLA MANOK (chicken)	62 PANDESAL (bread)

Fig. 47

4800



EDITHA'S FILIPINO DINER

1116 South 19th Street
Arlington, VA 22202

For delivery, select menu items below, or go to our delivery page

<div>DELIVERY</div>	<div>FULL MENU</div>	<div>SPECIALS</div>	<div>CATERING</div>	<div>HISTORY & LANGUAGE</div>	<div>SITE MAP</div>
<div>4804</div> <div>42 PAGKAING BILOG (pizza Filipino style)</div>	<div>4722</div> <div>21 AFRITADA (sausage stew)</div>	<div>4724</div> <div>34 PAELLA (chicken & sausage with rice)</div>	<div>4806</div> <div>101 MANGO DRINK</div>	<div>4808</div> <div>103 COCONUT DRINK</div>	<div>4742</div> <div>62 PANDESAL (bread)</div>
<div>4732</div> <div>11 ADOBO (chicken)</div>	<div>4734</div> <div>12 TORTA (meat)</div>	<div>4736</div> <div>15 SINIGANG NA BABOY (meat)</div>	<div>4738</div> <div>10 PANSIT (noodles, meat & vegetables)</div>	<div>4740</div> <div>28 TINOLA MANOK (chicken)</div>	<div>4730</div> <div>17 ESCABECHE (fish)</div>

Fig. 48

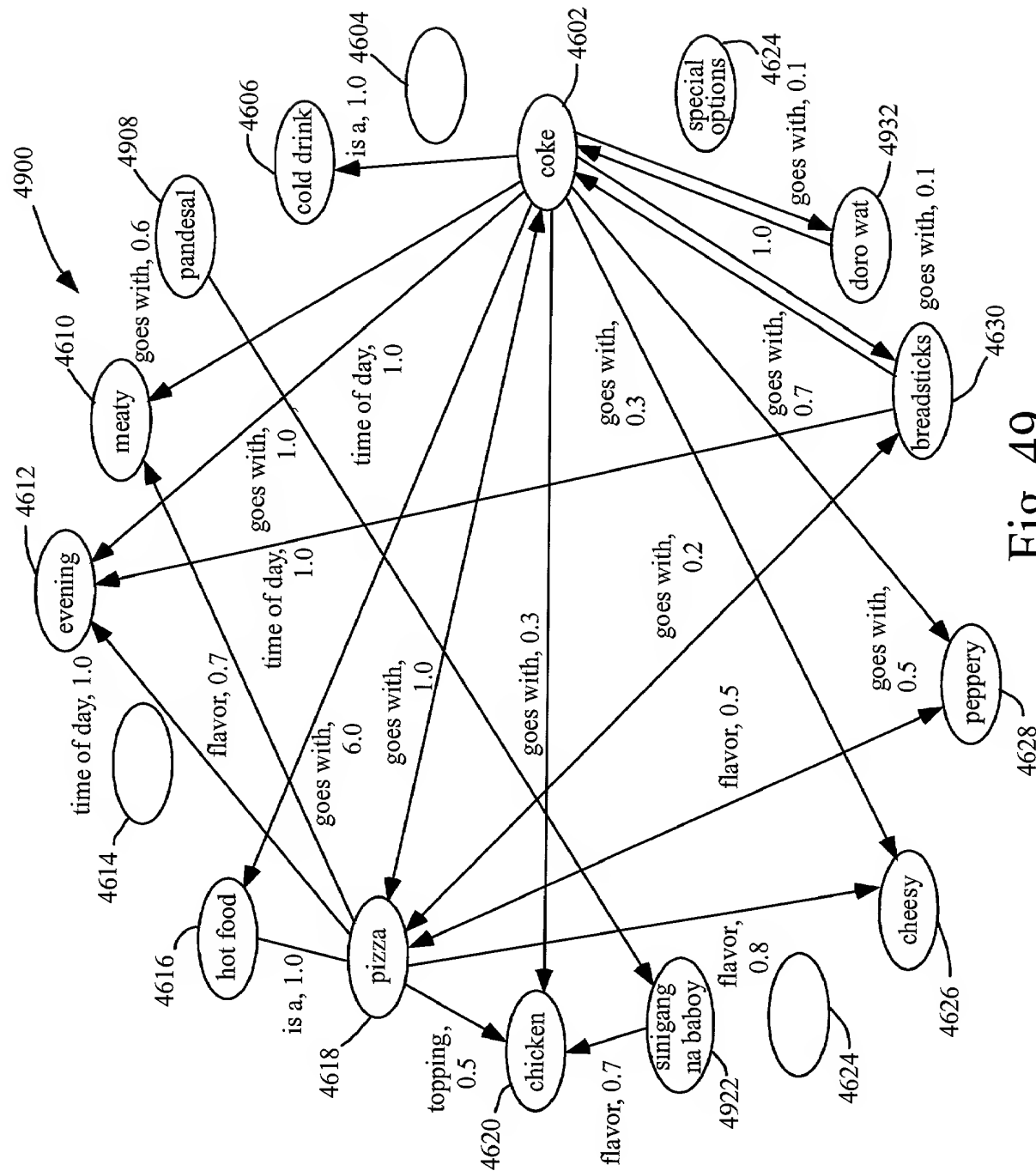


Fig. 49

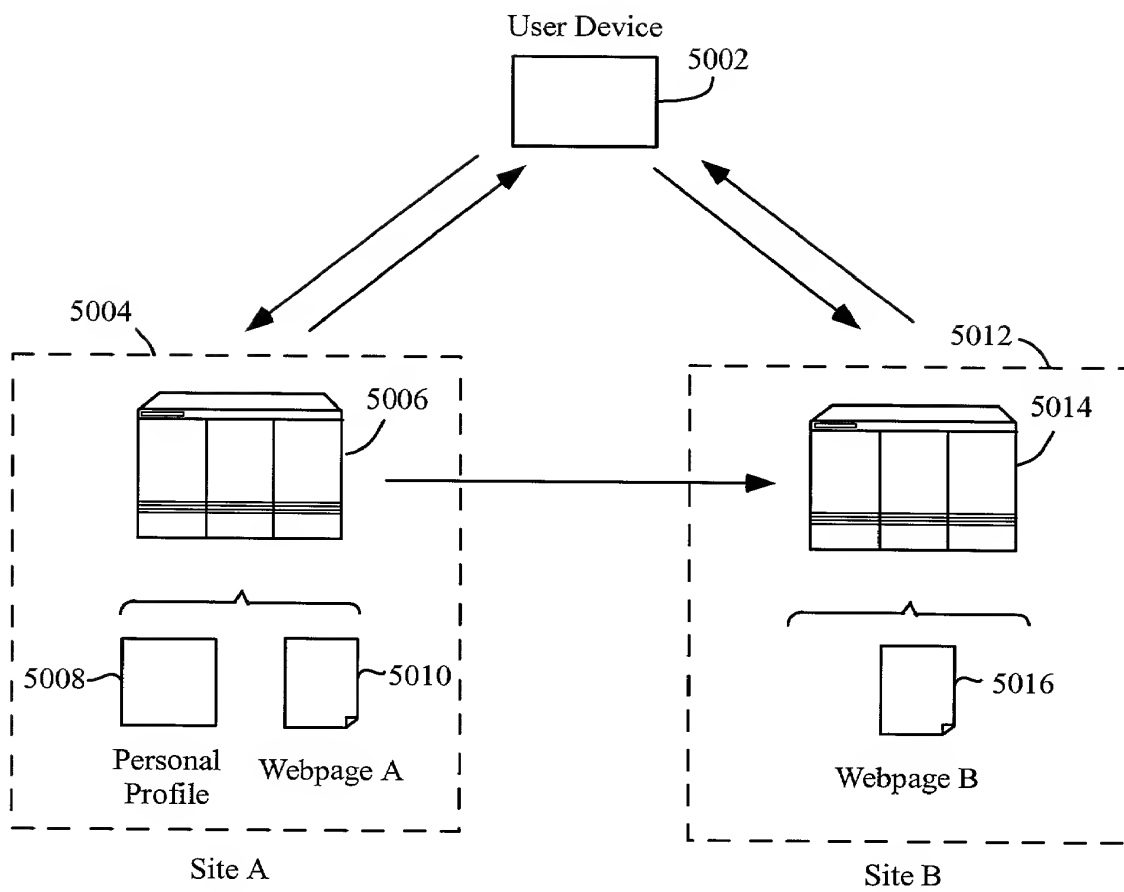


Fig. 50

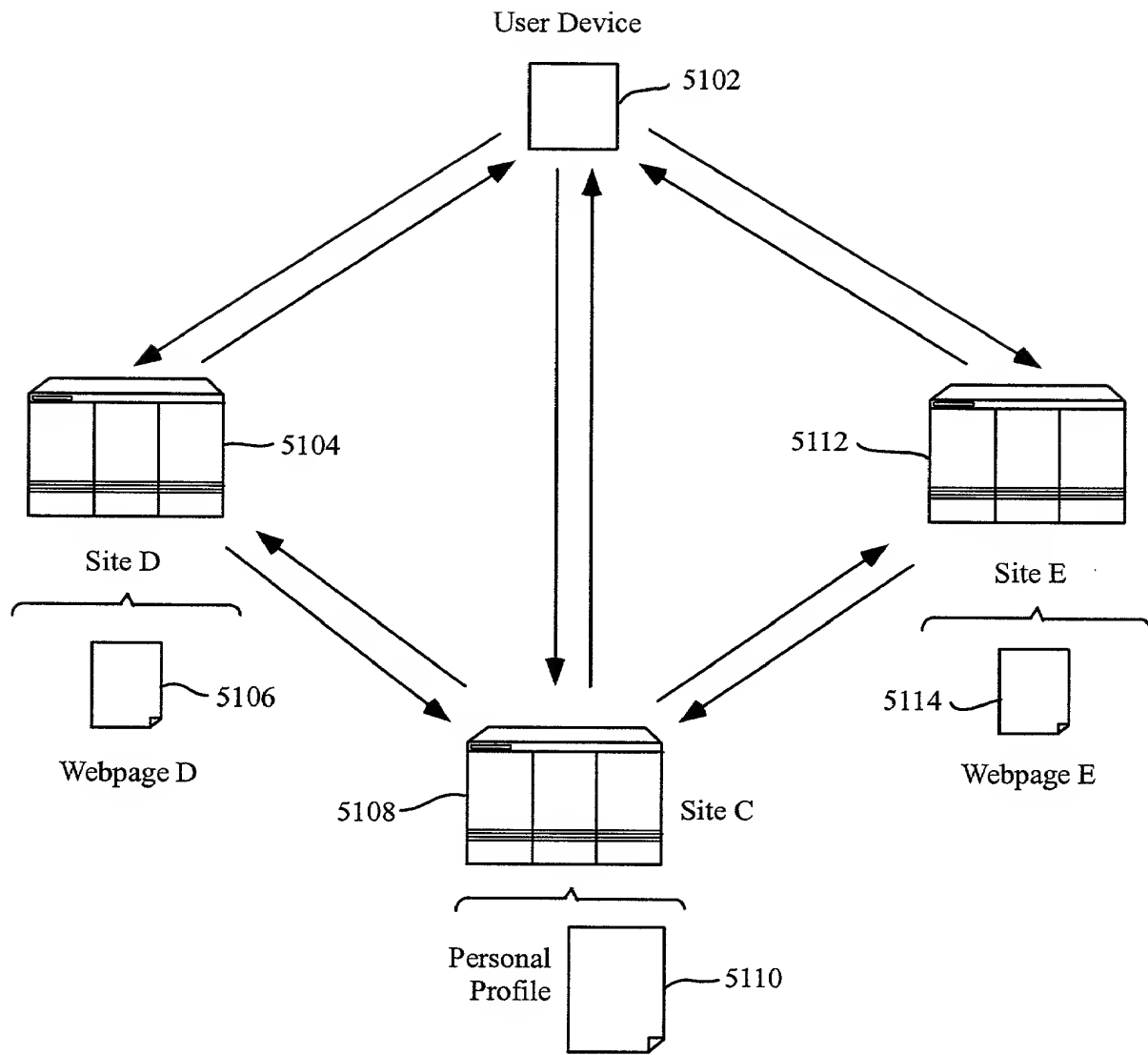


Fig. 51

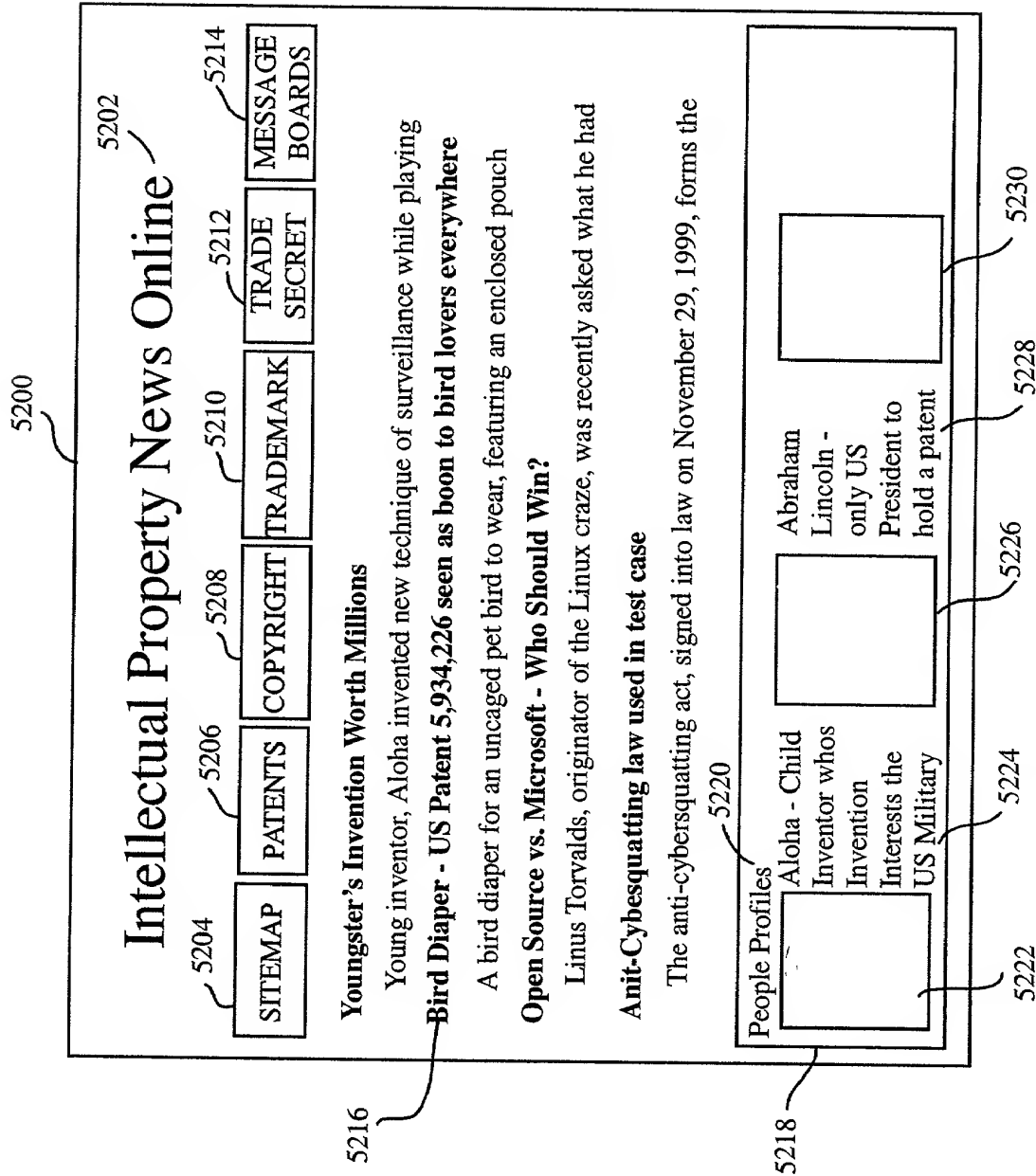


Fig. 52

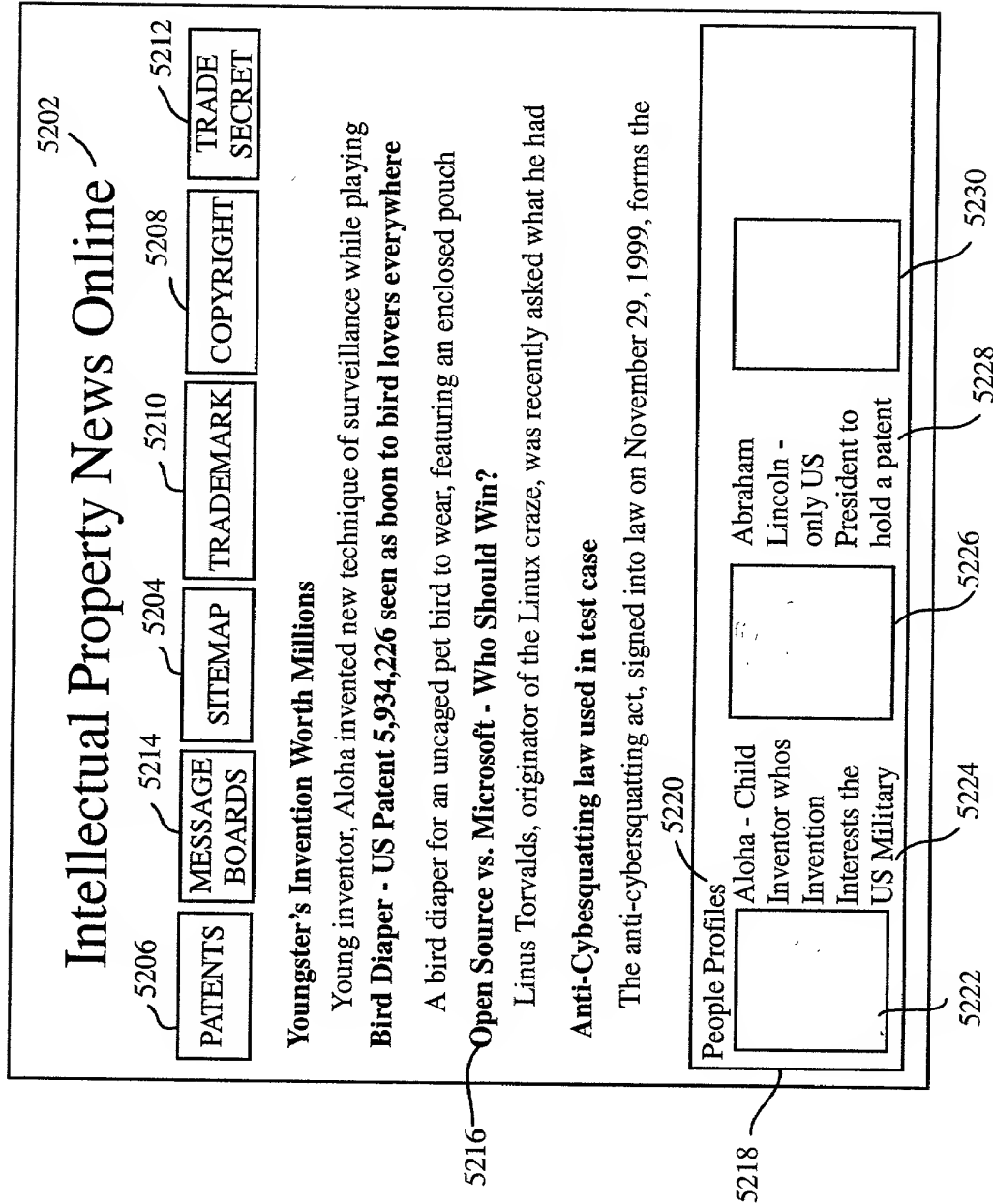


Fig. 53

5400

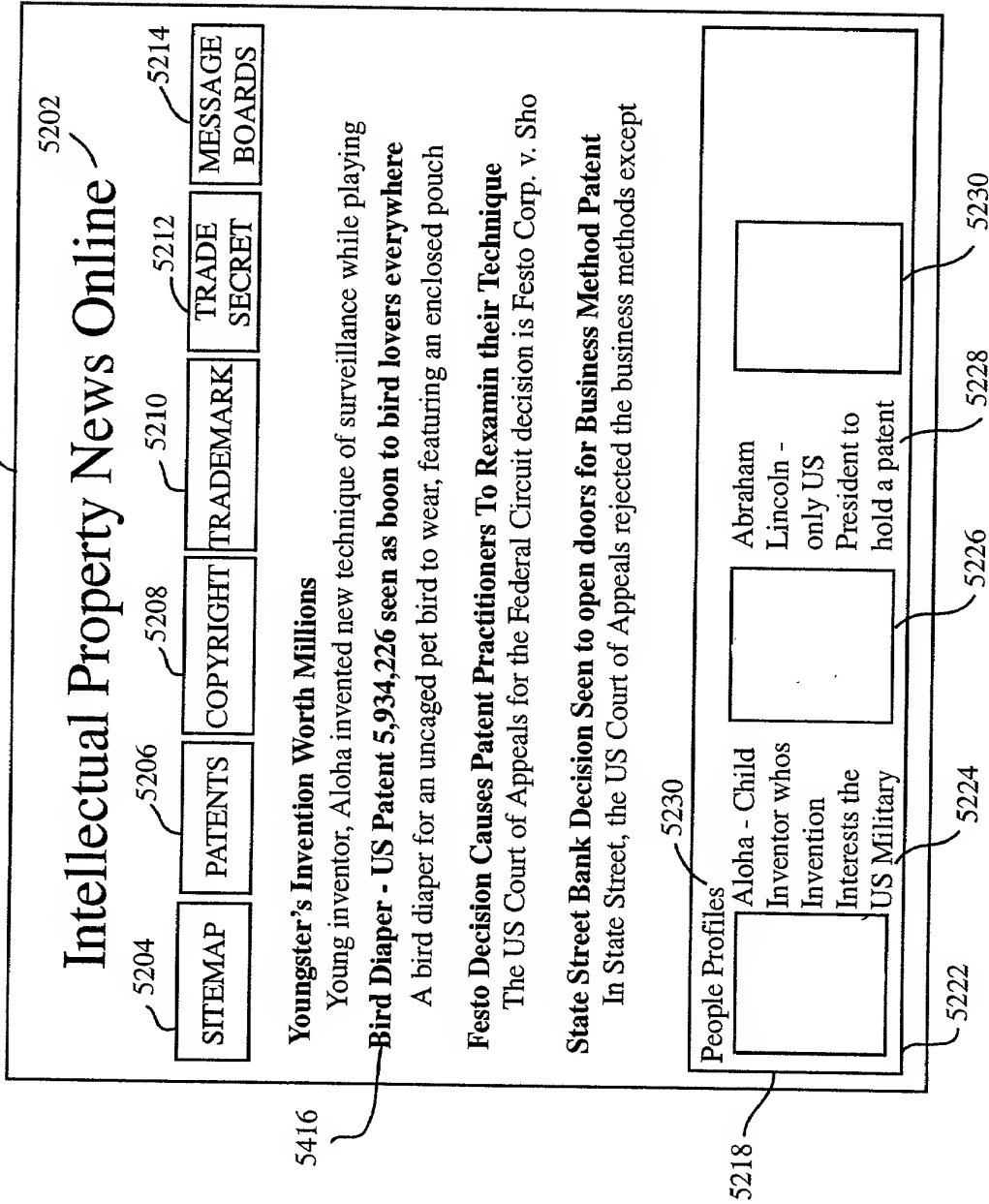


Fig. 54

5500

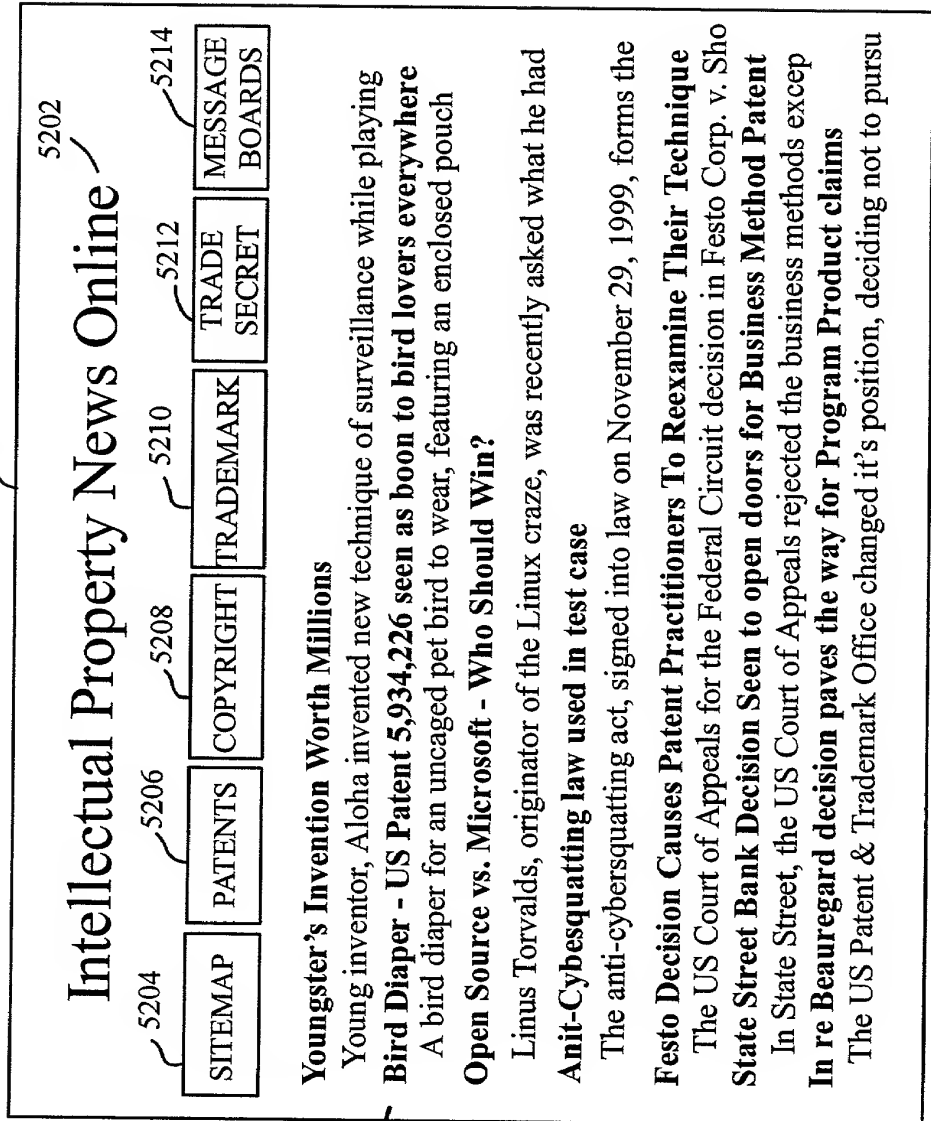


Fig. 55

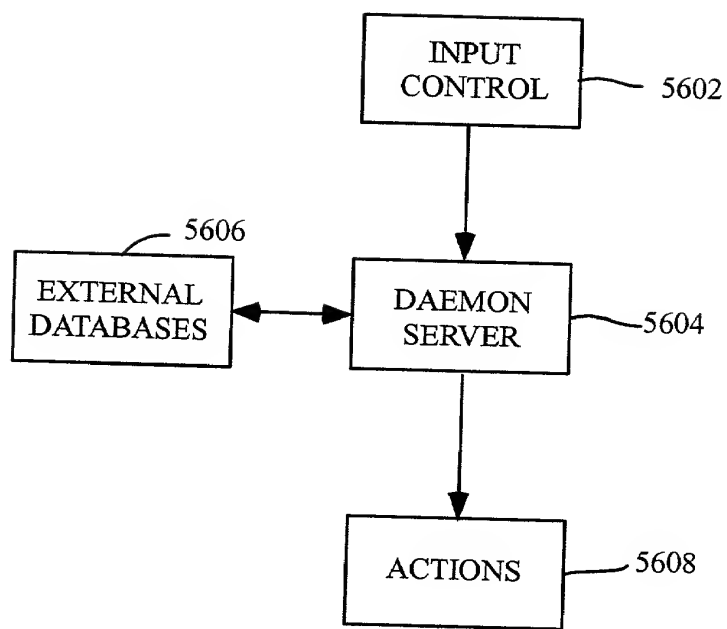


Fig. 56

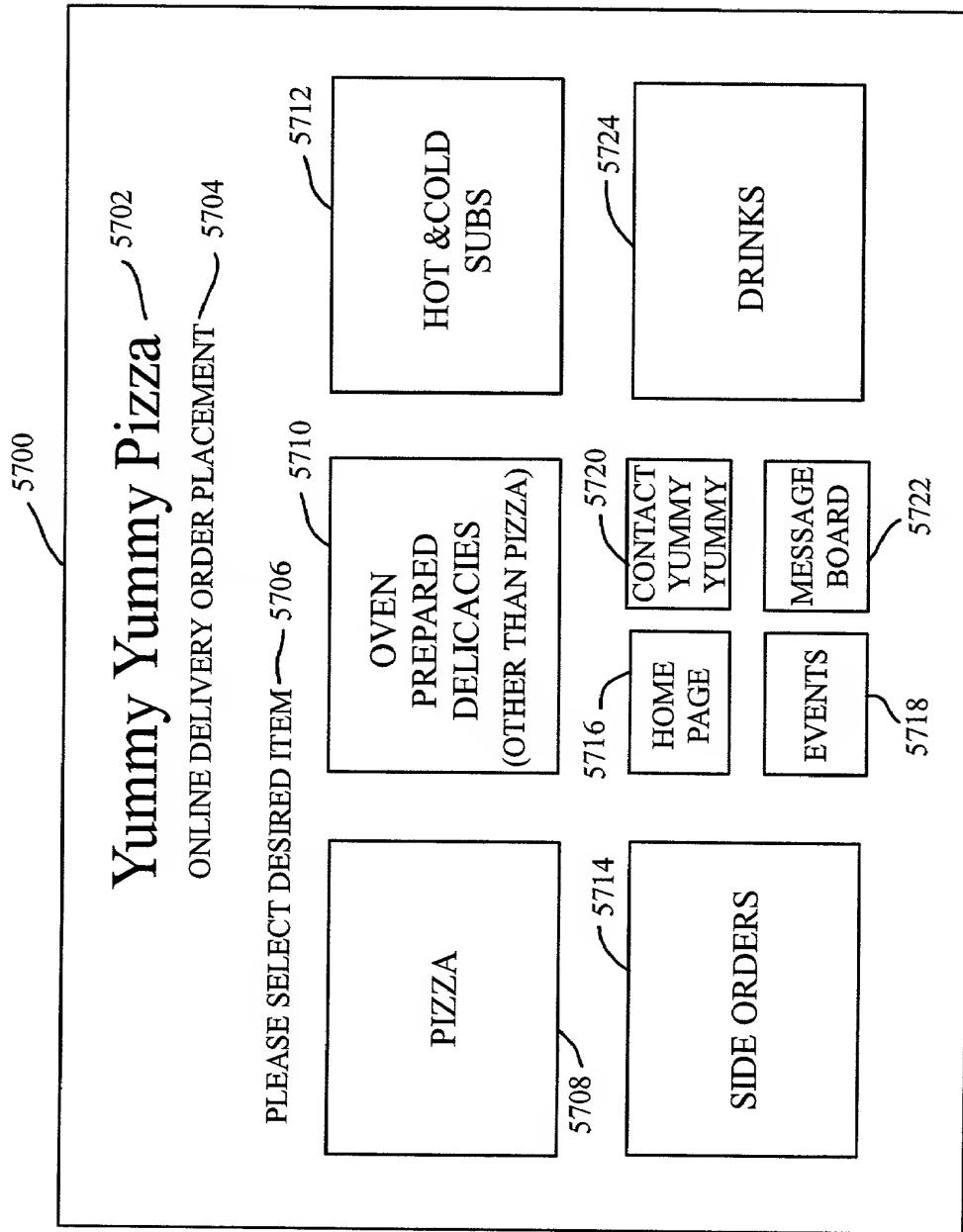


Fig. 57

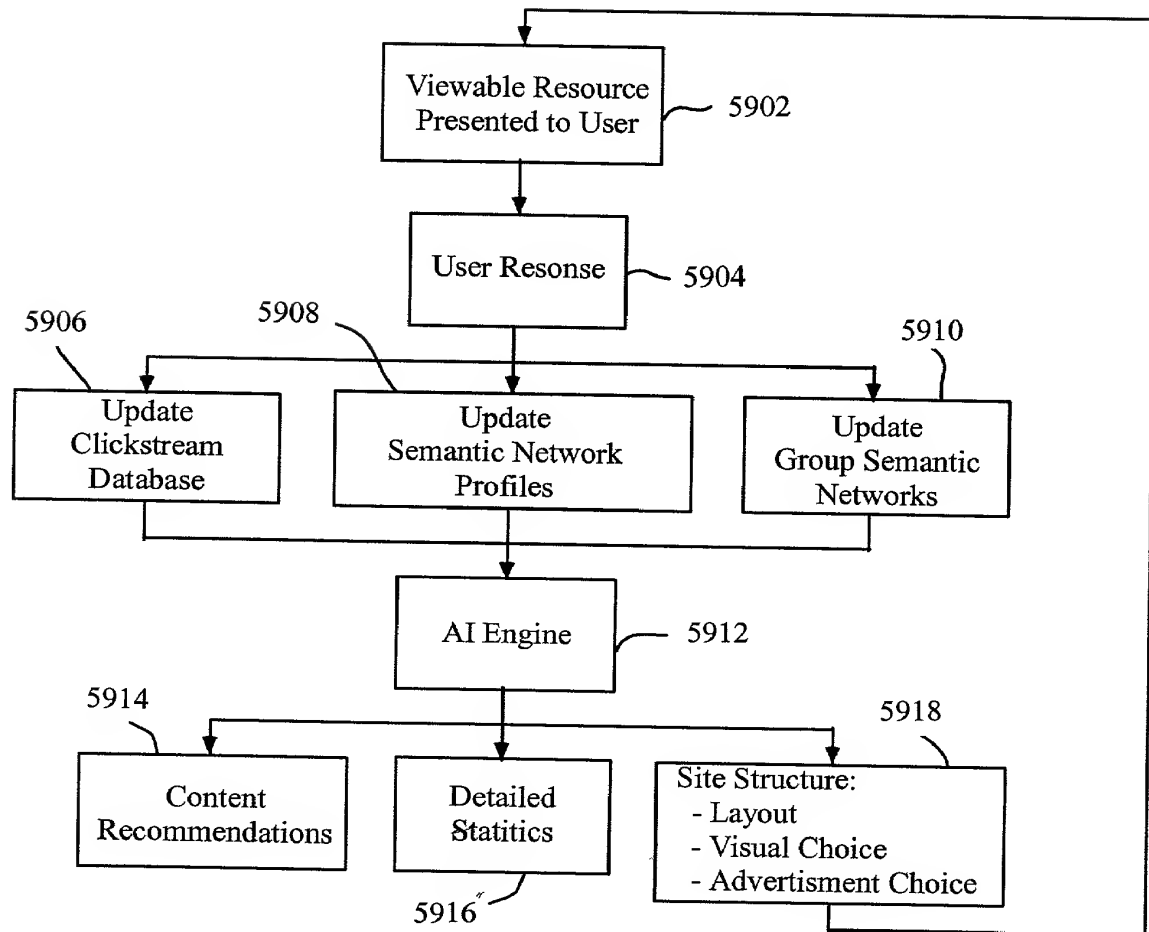


Fig. 58

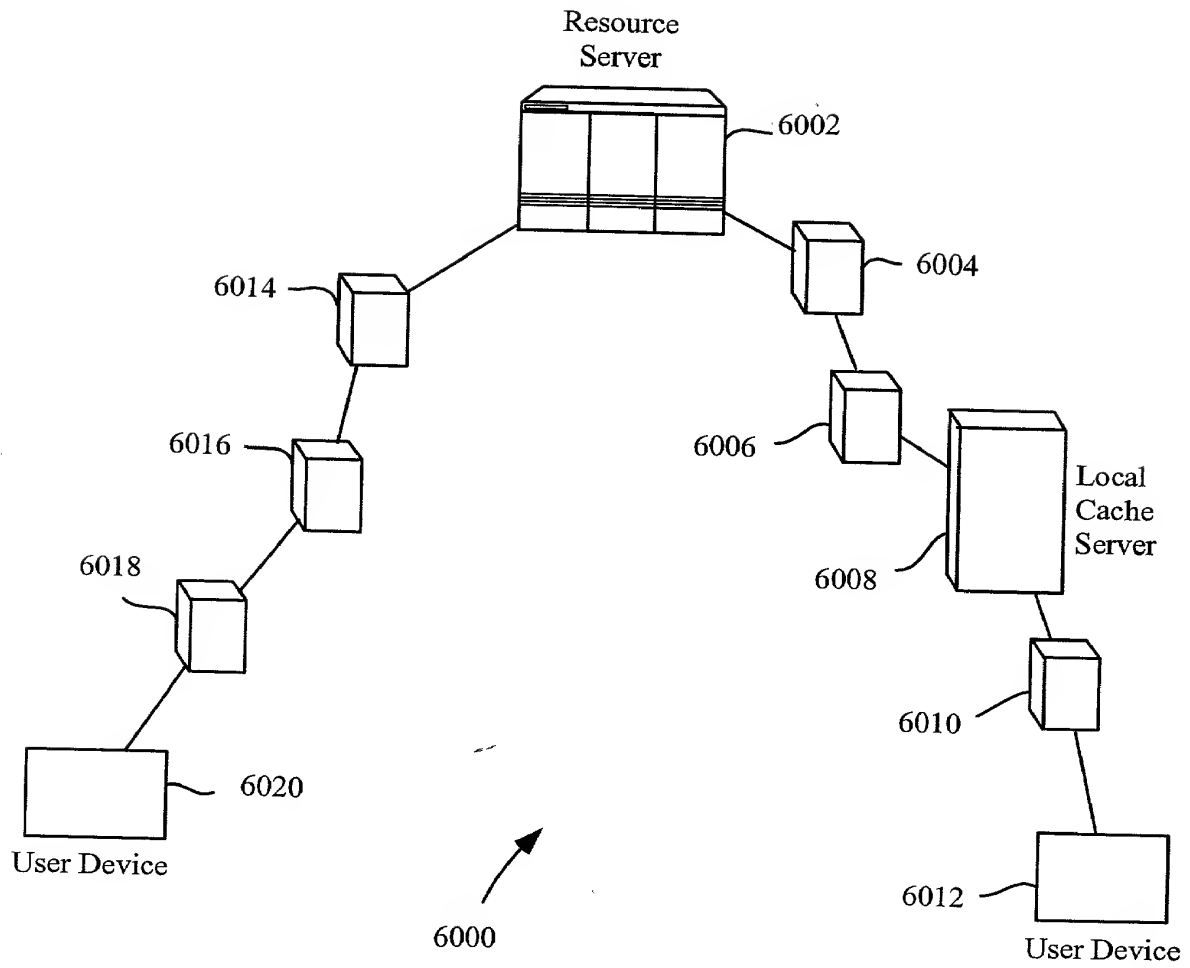


Fig. 59

```

<?xml version="1.0"?>

<componentDefinition>
  <identification>
    <name value="componentSprint"/>
    <type value="normal"/>
  </identification>
  <relatives>
    <relative value="componentSprint">
  </relatives>
</struct>
  <reference value="this"/>
</struct>
<properties>
</properties>
<data type="none">
  <![CDATA[] ]>
</data>
<interface type="text/html">
  <![CDATA []]>
</interface>
<code language="WebL">
  <![CDATA[
import Java;
// @CCID
// Define Java API interface
// Specify the particular Method that contains the routines for the API calls
var jclass = Java_New ("Future4");
var API = jclass.getOCPDS (ccID);
// Begin
var carrierName = "Sprint PCS";
var baseUrl =
"http://www.messaging.sprintpcs.com/sms/check_message_syntax.html?callbacknum=
7777777777";
var messageHeader = "&message=";
var defaultMessage = "This+is+a+sample+message";
var message = API.gOQV ("message");
var mobileHeader = "&mobilenum=";
var defaultMobileNum = "7038631132";
var mobileNum = API.gOQV ("mobileNumber");
if message == "" or message == nil then
  message = defaultMessage;
end;
if mobilenum == "" or mobileNum == nil then
  mobileNum = defaultMobileNum;
end;
var P = GetURL(baseUrl + messageHeader + message + mobileHeader +
mobileNum);

```

Fig. 60A

```
        var myOutput = carrierName + " message sent.";
        API.sCI(cID, "test/html", myOutput);
    ]]>
</code>
<activationCode language="JavaScript">
    <![CDATA [ ]]>
</activationCode>
</componentDefinition>
```

Fig. 60 B

```

<?xml version="1.0"?>

<componentDefinition>
  <identification>
    <name value="componentSprintRU"/>
    <type value="preex"/>
  </identification>
  <ruleset>
    <name value="products"/>
  </ruleset>
  <relatives>
  </relatives>
</struct>
  <reference value="this"/>
</struct>
  <properties>
  </properties>
  <data type="xml">
    <![CDATA[ ]]>
  </data>
  <interface type="text/html">
    <![CDATA[ ]]>
  </interface>
  <code language="JavaScript">
    <![CDATA[ ]]>
  </code>
  <activationCode language="JavaScript">
    <![CDATA[ ]]>
  </activationCode>
</componentDefinition>

```

Fig.61


```

<?xml version="1.0">

<componentDefinition>
  <identification>
    <name value="componentPR"/>
    <type value="normal"/>
  </identification>
  <relatives>
    <relative value="componentPR"/>
  </relatives>
  <struct>
    <reference value="this"/>
  </struct>
  <properties>
  </properties>
  <data type="none">
    <![CDATA[ ] ]>
  </data>
  <bogus>sad;lkjfsaldkjf;dsldkfj;alsdkjfa;lskdjfa;lksj</bogus>
  <interface type="text/html">
    <![CDATA[
      import Java;
      //try
      // @CCI
      // Define Java API interface
      // Specify the particular Method that contains the routines for the API calls
      var jClass = Java_New ("Future4");
      var API = jClass.getOCPDS(ccID);
      //var P = GetURL ("http://www.prenewswire.com/home.shtml");
      var P = GetURL (http://199.230.26.69/home.shtml);
      var table = Elem (P, "table");
      var QA = table [3];
      var QB = Elem (QA, "tr");
      var myOutput = "<IMG ALIGN=Middle
SRC=\http://www.pnnewswire.com/images/logoanim3.gif\ BORDER=\ "0\" ALT=\ "PR
Newswire\ " VSPACE=7>" +
        "<br><table>" +
Markup (QB[0] + Markup (QB[1]) + Markup (QB[2]) +
Markup (QB[3]) +
        "</table>";
      API.sCI(cID, "text/html", myOutput);
    //catch E
    //   on true do
    //     "Data timeout / not available."
    //end
  ] ]>
</code>
  <activationCode language="JavaScript">
    <![CDATA[ ] ]>
  </activationCode>
</componentDefinition>

```

Fig.62


```

<?xml version="1.0">

<componentDefinition>
  <identification>
    <name value="componentFileListXML"/>
    <type value="normal"/>
  </identification>
  <relatives>
  </relatives>
  <struct>
    <reference value="this"/>
  </struct>
  <properties>
  </properties>
  <data type="none">
    <![CDATA[ ]]>
  </data>
  <interface tiype="text/xsl">
    <![CDATA[
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
  <xsl:output method="html"/>
  <xsl:template match="/">
    <table>
      <xsl:for-each select="fullfilename"/>
        <!--sorted within grouping-->
        <!--member distinctions--
        <tr>
          <td>
            <font color="#000000" size="1" face="Ariial, Helvetica">
              <xsl:element name="a">
                <xsl:attribute name="href">
                  <xsl:text>/servlet/Future4?cid=</xsl:text>
                    <xsl:value-of select="fileneme"/>
                </xsl:attribute>
                <xsl:value-of select="filename"/>
              </xsl:elemnt>
            </font>
          <br/>
        </td>
      </tr>
    </xsl:for-each>
  </table>
</xsl:template>
</xsl:stylesheet>
]]>

```

Fig. 64A

</interface>
 <code language="JavaScript">
 <![CDATA[
 // @ API
 var xmlString = API.getFileListingXML("", "xml");
 API.setComponentData(cID, "text/xml", xmlString);
]]>
 </code>
 <activationCode language="JavaScript">
 <![CDATA[]]>
 </activationCode>
</componentDefinition>

Fig. 64B

Fig. 64B